

## OFFICE OF STRATEGIC SERVICES

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15, 896  
Field Report

## OFFICE MEMORANDUM

DATE: 28 AUG 1944  
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TO: Lt. Putzell

FROM: William L. Langer *WLL*

SUBJECT: Attached report in accordance with General Order #63. <sup>CSS</sup>

1944 AUG 28 PM 6 28

I send herewith the report of Dr. Robert L. Reynolds, recently returned from London after a prolonged stay as a member of the R&A staff in London.

attachment

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Tulal report

x R. J. White, R. G. L.  
28 August 1944

A R &amp; A

A C T O

MEMORANDUM

TO : General William J. Donovan

VTA : Dr. William L. Langer *WLL*

FROM : Robert L. Reynolds *R. L. R.*

SUBJECT : Report of staff member of WEA London office  
just returned to Washington, in accordance  
with General Order #63.

## I. DUTIES AND ACTIVITIES IN THE FIELD.

I was sent to London to undertake a specific job which had two aspects: I was to become the head of a small team of OSS researchers working inside the offices of the Political Warfare Executive, known also as the Political Intelligence Department of the Foreign Office, upon a series of basic and zone handbooks which PWE had undertaken for Civil Affairs; and I was also to work as the WEA man directly concerned with all of the books on the Low Countries.

Because the British chief of the Low Countries research section died suddenly in February, I functioned from February to June as chief of the British staff inside its own office, - hiring, firing, directing the work and functioning as an official in every aspect of that work.

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#2, General Donovan from W. L. Reynolds

From February on SHAEP Civil Affairs, soon designated as SHAEP G-5, began to function, first at Shrivenham, after which in the spring its Planning Staff moved to London. It was my duty to bring the SHAEP planning officials for all countries into the closest relations with the WEA and PWE researchers. A three-way cooperation of the most intimate sort was developed in the course of the spring.

Because the new Map Division of WEA had reached a point at which it could aid civil affairs and OSS researchers in mid-spring, I took the opportunity to load a great many civil affairs maps on them.

From May on the joint WEA-PWE "Duty Desks" were set up at the request of SHAEP Political Warfare Division (PWD). In the setting up of these for all Western European countries and for Germany, I represented the OSS and specifically was in charge of the Low Countries set-up for both OSS and PWE. The "Duty Desks" served OSS and PWE more than they served PWD.

#### Inside WEA

Inside WEA when, in the late winter, a staff began to develop in sufficient numbers to justify organization, I

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#3, General Donovan from P. L. Reynolds

began to act as head of the London Western European Section and as head of the embryonic Low Countries unit. I turned both of these duties over to successors in June.

In early July I was made temporary chief of a new Central Information Division in London with the duty of setting it up and getting it in operation.

## II. PROGRESS OF WORK AND ACHIEVEMENTS.

### (A) Civil Affairs

My specific research assignment had to do with work on the collection of materials, the arrangements of the books, the editing and proofreading and eventually the publication of two handbooks and eight zone books. The two handbooks, namely, for Belgium and the Netherlands, were practically completed in PWG before I set to work. No work had been done upon the zone books when I entered the PWG offices. By the time I left the work in June the PWG-OSS team had produced one Luxembourg zone book, four Belgium zone books and three Dutch zone books, meeting all deadlines and getting materials in the hands of SHAMP G-5, of G-3 and of G-2. The

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#4, General Donovan from P. L. Reynolds

latter two SHAEP agencies became interested in the materials although they were originally planned to serve C-5. At the same time, the PWE-OSS team working on the other zone books either completed or practically completed their enterprises, with the exception of the German zone. P&A and P&A/L are still in the dark as to "who is doing what" once Germany gets opened up and the scheduling of zone book work has been a matter of guess work by all concerned up to this point. It is my hunch that the zone books for the areas in which the Americans will find themselves may never be prepared in time.)

It was possible from February on to inaugurate close collaboration between the SHAEP planning staffs, P&A and PWE. This applied to all countries in which C-5 research teams were interested but was carried farthest in the case of the French, German and Low Countries areas. P&A staff gave a great many lectures, criticized SHAEP plans, served as brain trusters and supplied research materials. Thanks to the close cooperation with PWE, the files and staffs in the PWE

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//B, General Donovan from R. L. Reynolds

o offices were available in the same way to all G-5 and OSS men interested.

Map production became an important correlative activity in the late spring. Data were collected by R&A, PWE, G-5 and the research men of the Netherlands, Belgium and Luxembourg governments. Cross checking of data by all concerned was a common practice and the materials were then put into cartographic form by OSS Map Division. This service by OSS Map Division greatly promoted OSS interests in such matters as obtaining from the exiled governments and PWE the use of special files and, above all, of the secret biographical records of the foreign governments. Incidentally, once the maps began to be produced, it was found that not only were they in great demand by the exiled governments and G-5 but they were of great interest to other British and American agencies, military and civilian.

Thanks to the close tie which had been built up with G-5 when it was an OSS customer, it is quite likely that G-5 reports from the field and

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#8, General Donovan from H. L. Reynolds

the personal cooperation of C-5 operatives will be obtained for R&A throughout the whole period of C-5 activities in Europe.

(u) Work in the West European and Low Countries.

As the staff grew and the European Political Review was undertaken, the West European staff began the preparation of regular contributions to that publication.

There are plans now taking shape in London for the political specialists of R&A and of SI to open up a new political reporting service, when "Paris" becomes the headquarters of a continental OSS. The beginning of this planning was made under me in April.

In the field of the Low Countries activities in London, the R&A staff had by June developed a monopoly of political reporting, not only for R&A but for the "Middle Embassy". The latter had no resources before the R&A Low Countries staff moved into the field.

In the Low Countries work the PWE specialists and the OSS specialists are doing a great many joint jobs for PWD, SHARP and themselves.

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#7, General Donovan from W. L. Reynolds

(G) Work in Central Information Division

A growing library was inherited and under Lt. Beechle it has expanded its activities and staff but has not changed its character.

Biographical records had been an orphan in the London theater but during July and early August it was enormously developed. Effort was concentrated upon getting copies of as many other biographical records files as could be pirated in the European theater of operations. The SHARP G-2 west European file was obtained in  toto and transmitted to Washington. The beginning was made of acquiring the whole of PW's biographical records materials, also for transmission to Washington. Finally, leads were established for getting the records of the Belgian, Dutch, Danish and Norwegian exiled governments; we may never get them but our previous services to their research staffs, notably in the matter of maps, may help us achieve our ends.

A very heavy burden has been placed upon biographical records London by SHARP G-2 in the

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//R, General Donovan from H. L. Reynolds

matter of preparing the latter's German biographical records files. In servicing SHAEP the series of remarkable reports now flowing from biographical records Washington to London has been proving of incalculable value. When SHAEP's German files are complete, NSA will receive a set. Biographical records in London is beginning to expand its staff, having received strong support for its activities from Colonel Morgan and Bruce. It is anticipated that it will be called upon to serve UNRRA, the War Crimes Commission, SHAEP G-5 and the European Advisory Commission in the months to come.

Document procurement was also undertaken by CID through a special unit set up for that purpose. In the hands of Mr. Paterson, vigorous activity in opening new and in expanding old channels for receiving information was undertaken. The large increase in the flow of documents to NSA/L which resulted has thrown an additional work burden upon rest of CID and personnel expansion has been necessary.

The Military Intelligence Research Section of SHAEP (MIRS) began to spray a great flood of captured documents onto the London intelligence agencies

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#9, General Donovan from W. L. Reynolds

after the Norman campaign opened. R&A is getting so much material it does not know what to do with it, but is trying to reproduce or wring dry as much as the staff can handle.

In the last few weeks of my stay I was delegated to find a place for R&A in the work of the Combined Intelligence Priorities Committee, now known as the Combined Intelligence Objectives Subcommittee of the Joint Chiefs of Staff (CIOS). We found that although this Committee was supposed to designate political objectives, it had only designated four of them for all of Europe and all of those were in Berlin. Mr. Evans has taken over R&A's work on the Committee, which may or may not amount to anything.

In addition to these functions, London CTD had almost completed preparation of two sets of "Trunk Chests" for Paris and Berlin. These consisted of sets of heavy boxes into which complete files of duplicate R&A reports and other standard research materials had been packed in file order with accessions numbers, etc., all complete. Along with the boxes complete sets of control cards were

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#10, General Donovan from R. L. Reynolds

being prepared so that as soon as the boxes, the control cards and a STD librarian landed in a room in Paris or Berlin, a functioning library would be in operation.

In addition, it was arranged that several members of the STD staff should be delegated to handle dissemination of materials to the staff (and prospectively to Paris and Berlin), to handle the flow of documents to and from SI, and to handle all requests to or from Washington which had a research rather than an administrative character.

### III. DIFFICULTIES WHICH CAUSED CONDITIONS THAT MIGHT BE IMPROVED.

From the point of view of the work alone, one of the greatest difficulties is that of procuring personnel in sufficient quantities and sufficiently soon to do the various tasks which have come up. This problem has a number of facets. In the first place, whenever a job shows up for which we need a person from Washington, it is necessary to calculate upon a time lag of some months before that person will be available. If, on the other hand, a "native" can be used it becomes necessary to use the cumbersome and slow-moving machinery of the British Labor office, which, incidentally, has the greatest difficulty in turning up good secretaries or linguists. This

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#11, General Donovan from R. L. Reynolds

problem of personnel will become acute when continental offices are open because the employment of native French, German or other help will simply be out of the question for security reasons. In other words, London will be drained not only of its researchers but of its American clerical staff.

The military table of organization is a very serious problem in the London office. It is going to be impossible to promote more than a half-dozen of our researchers more than one or two grades - or any grades at all - in the foreseeable future. This is despite the fact that all of our men are rather unusual persons, or we could not get any good from them, and despite the fact, too, that many of them have duties on our staff which call for rank and title in order that those duties can be most efficiently performed. As an administrative problem in which the interests of OSS are endangered, it should be pointed out that transfer from OSS to combat units is possible and that the loyalties of our "permanent privates" are being strained. Just as I left, a rumor was circulated that

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#19, General Donovan from L. L. Reynolds

a number of our best men could be commissioned so that we could use them on the continent and so that the tight TO situation could be relieved.

The morale of the OSS staff is, on the whole, good. Especially is it good when everybody is too busy to think of anything else which has generally been the chronic situation. The morale has also a strong foundation in the hope of transfers to the continent with further excitement and interesting jobs to be anticipated. Morale is subject to some negative influences, however. The "difficulties of life in London" are real; housing, shopping, entertainment, are not easy to get. The bombs are just what anyone would expect. However, there are some other factors in the morale picture which can be attacked by administrative measures. These are as follows: (1) there should be held out the prospect of return to the Washington office after a reasonable term of service abroad; (2) there should be held out to our enlisted men and non-coms at least a faint hope of promotion; (3) arrangements should be made in the Washington office to keep the next-of-kin in the States intimately informed of the fact that each member on the London staff is all right (occasionally the APO seals up and people in the States go for three or four weeks with no letters

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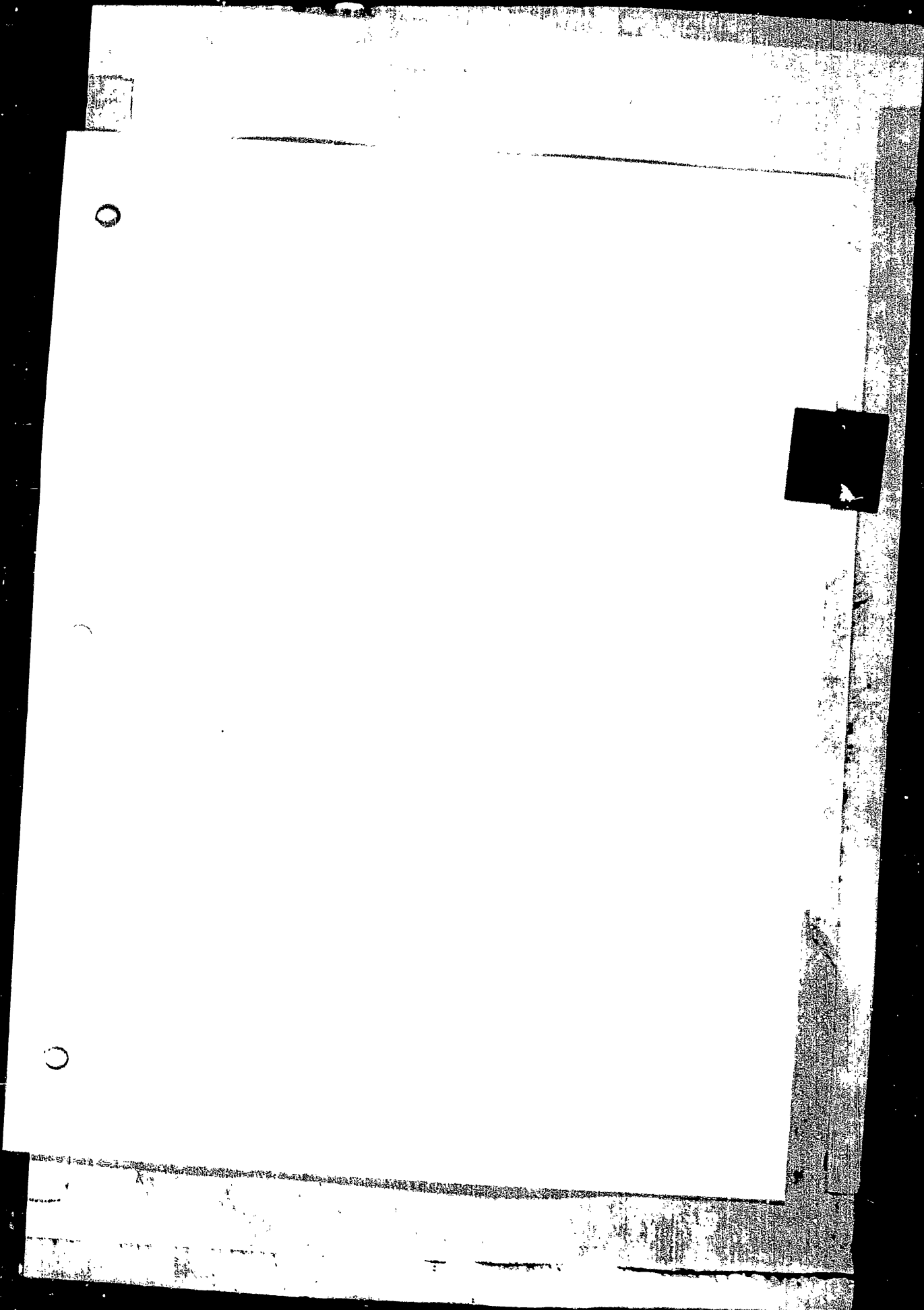
#13, General Donovan from R. L. Reynolds

at all). It would greatly reassure the London staff to know that the next-of-kin here were easy in their minds.

The problem of office supplies is a bad one. The poor or non-existent files, desks and such things definitely slow up work and cause endless vexation. It might be possible, for example, in the matter of files to use files as packing boxes in the shipment of materials overseas. What has been a bad condition in London will be an impossible condition on the continent. The movement of supplies of this sort cannot take place too quickly.

R&A should have the largest possible facilities for the quick reproduction of the voluminous materials which are now becoming available. There is no limit on what we can produce, and the long range welfare of R&A/L will in part depend on the acquisition in the next few months of the hugest possible amount of raw materials which for the moment will be available.

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OS5 Form 10P40

DATE, 12/5/1944

TO: Captain Kestel

For summary do the  
General. This might be  
conferred with your  
summary of Lt. Warren  
story on the Chief Division,  
sent to you last week.

CAB

FROM: \_\_\_\_\_

(27016)

EXT. \_\_\_\_\_

**CONFIDENTIAL**OFFICE OF STRATEGIC SERVICES  
WASHINGTON, D. C.15,812  
Final Report  
Dortland, R. S. J.  
x 444  
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28 November 1944

TO: General William J. Donovan  
(through: Mr. William L. Langer)

FROM: Robert J. Voskuil, Lt. (jg), USNR *RJC*  
Chief, Cartography Section

SUBJECT: Report of Returning Personnel, Conforming to General Order #63.

Following is a summary report of the status of the Cartography Section in London as of 9 October 1944. The report covers operations during the preceding six months.

I. Space

The Cartography Section occupies 1,972 square feet of floor space on the second and third floor of 51, Grosvenor Street. The breakdown is as follows:

Section Office	- 270 Sq. ft.
Compilation	- 670 Sq. ft.
Construction	- 825 Sq. ft.
Construction (Office)	- 207 Sq. ft.

1,972 Total

In May 1944 the Section had 1,423 Sq. ft. available on the second floor only. By moving the Construction Unit to the third floor, after the Geography Division had moved, the Compilation Unit acquired 187 additional square feet and the Construction Unit acquired 155 Sq. ft. additional. The Map Information Section took over 483 Sq. ft. during this move.

Therefore, at present, there is available the follow-

**CONFIDENTIAL**

- 2 -

ing square feet per person:

- \*Compilation - 74 Sq. ft. per person
- \*Construction - 75 Sq. ft. per person

Under present conditions it appears that the space allotted to the Cartography Section is sufficient, however, once the light tables are installed and sufficient space is all tied for supplies, more space may be needed.

\*Includes the space assigned to light-tables and supplies

## II. Equipment and Supplies

At the present time the Section is fairly well equipped and supplied with the following exceptions:

- 1) Kotstrace in quantity
- 2) 6 large (72") drafting tables
- 3) Light-tables
- 4) 110 Volt current so that the fluorescent lights can be used in the Construction Unit
- 5) Other incidental items such as pencil sharpeners, etc.

It is estimated that there is now sufficient basic supplies for approximately the rest of this calendar year. Beyond that time more supplies will be needed: the equipment should be sufficient after the above mentioned additions are made.

By 1 November 1944 there should be on order almost a duplicate amount of supplies as there now exists in our storeroom. There are obviously some exceptions to this, such as coloured inks, chalks, etc., of which we may be sufficiently supplied for a much longer time. Any supplies and equipment needed for Continental operations must be in addition to the above suggestion. At the present time the 1945 estimate is being prepared. It includes the supplies and equipment needed for Continental operations.

CONFIDENTIAL

- 3 -

### III. Personnel

Twenty-two (22) persons make up the Cartography Section at the present time. Four (4) additional people, formerly with the Section, are now assigned to the Model Shop or have transferred out of the Division. The present number is broken down as follows: (See Chart)

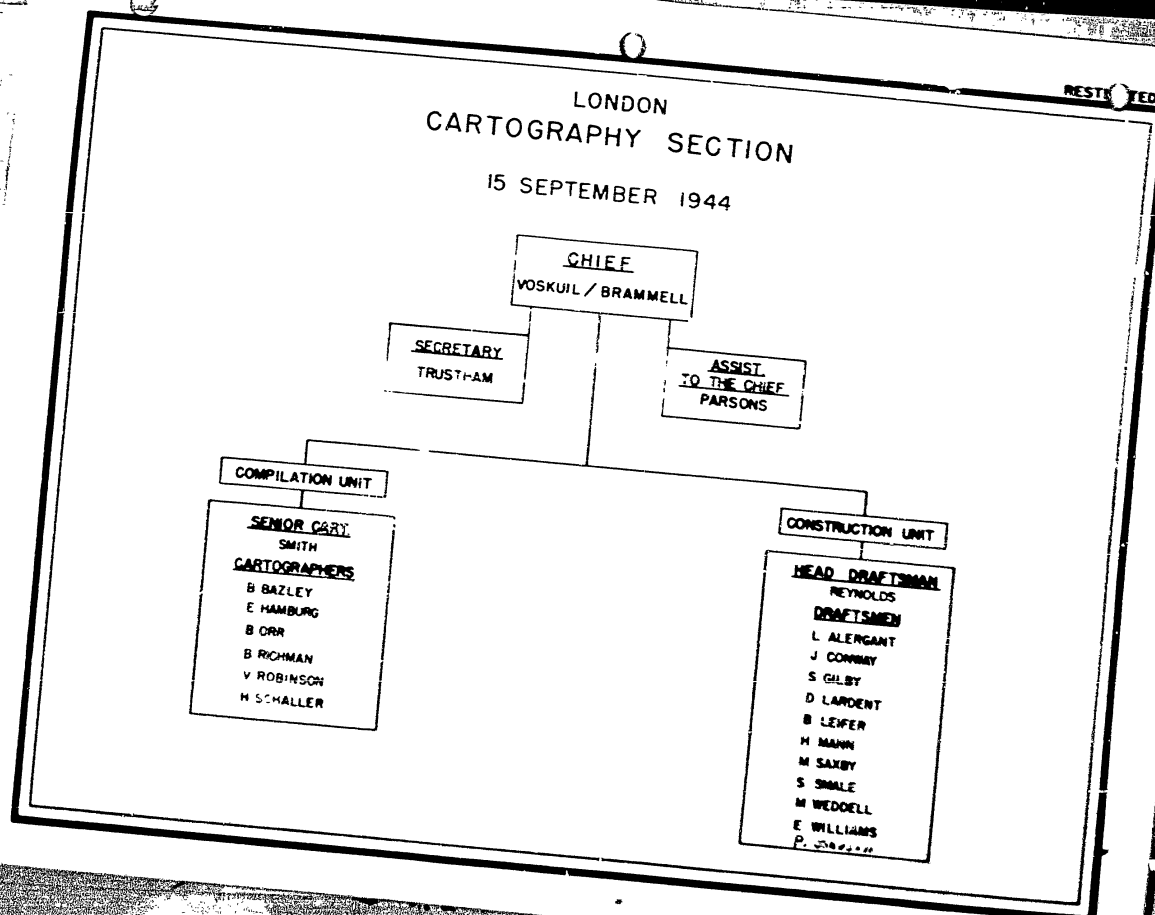
	<u>American</u>	<u>British</u>
Section Office	- 2	1
Compilation	- 6	1
Construction	- 2	10

With seven in Compilation and twelve in Construction, a good working balance exists between the professional and sub-professional units. That ratio is closer to "one to one" than it was in the Washington office and should remain so, since much more of the actual compilation is carried on in the London office.

The present staff is almost ideal for the work load requested; a comfortable back-log usually exists. More self-initiated projects with the present load would require more professional help; however, if the requested work load decreased additional self-initiated projects could very well fill the gap. Many such projects of considerable value exist.

Relations between British and American personnel in the Section have been very cordial and co-operative; there definitely is nothing to be desired along that line. One rather unfortunate situation exists, however, the British personnel are not eligible for either overtime pay or hospitalization. The American personnel, although they are not paid overtime beyond 48 hours per week, are in reality paid overtime for one half day per week (beyond 44 hours as in Washington) which is granted to them for shopping purposes, etc. The British do not have any comparable setup for their people working for an American agency. The American agencies do not, as do the British, pay one half the cost of "group hospitalization" for the British personnel. The result of this is that the British personnel, although they may rate a bit higher as far as base pay is concerned, if compared with a comparable British agency, lose the difference or more by not receiving the added "benefits". This situation, however, has not caused serious trouble as far as

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- 4 -

the Section is concerned; results: the Americans have carried the greatest part of the overtime load, which is justified. Concerning the rather great difference between base pay (British vs. American) some eye-brows have been lifted but it has ended at that point.

Following is a list of grade changes that are recommended:

Services Personnel

Thomas R. Smith, Pvt.	to	Lt. U.S. Army
Harold Schaller, S 1/c	to	PO/3c (in process)

Civilian Personnel

Betsy Orr, P-1	to	P-2 (in process)
Oswald Schmidt, P-3	to	P-4 (in process)
Mimi Parsons, SP-6	to	SP-7
Jean Conway,	960 dollars to	1100 dollars
Stella Alby,	960 dollars to	1100 dollars
Doris Lardent,	960 dollars to	1100 dollars
Betty Leifer,	960 dollars to	1100 dollars
Dorothy Mann,	960 dollars to	1100 dollars
Tessa Reynolds,	960 dollars to 1100 dollars	(in process - to be followed as soon as possible to 1440 dollars.)
Shelagh Smale,	960 dollars to	1100 dollars
Edna Williams,	960 dollars to	1100 dollars
Rosa Trustham,	960 dollars to	1100 dollars

Regarding the movement of personnel from the Section for duty on the Continent it would be impossible to make more than a tentative list at this time, however, it is estimated that a well balanced group remain in London in order to handle the work load. It does not seem impossible that certain members, especially the administrative personnel, would rotate freely between London and posts on the Continent.

CONFIDENTIAL

- 5 -

It is suggested that the Section in London could supply three (3) professional and two or three sub-professional persons to Continental operations. (Assuming present staff is available and a slight reduction in work load occurs.)

#### IV. Organization

The report submitted on 19 July 1944 to the Chief of the Map Division, Washington, related in detail the organization of the Cartography Section up to that time. Only the changes and/or additions that have occurred since that time of reporting will be discussed here.

- A. With the assignment of Schmidt on Continental operations, it seemed advisable to combine the two groups in Cartography under one Senior Cartographer, namely Thomas Smith. The two original groups remained intact as working units but under one hand. At the same time, V. Robinson was given more and more responsibility so that eventually she might function as a Senior Cartographer in case Smith was transferred to the Continent, or it seemed desirable to operate with two Senior Cartographers.
- B. Thomas Smith has been appointed Acting Chief of the Cartography Section during the absence of the Chief and/or when so directed by the Chief.
- C. Chief Petty Officer Mueller, who has functioned as Reproduction Liaison man and Compiler with the Section since 1 August 1944 has now been recalled by ComNavEu. His work in connection with the Reproduction Unit has been given to Parsons who is Assistant to the Chief of the Section. She has also taken over the control of the Section's Supply Room.
- D. Miss Reynolds is Acting Chief of the Construction Unit, replacing Miss Murphy who has transferred from the Section to Mr. Even's office.
- E. S 1/c Harold Schaller has been assigned to TAD from ComNavEu as a professional cartographer.

At this writing the Cartography Section in London has been basically organized along the pattern established in the Washington office. Only where lack of personnel or need for a full time person

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- 6 -

have jobs been combined. The outstanding example being the various responsibilities assigned to the Assistant to the Chief; also, several streamlined procedures, which appeared to be especially suited for the London Section have been employed to good advantage. In addition it is interesting to note that only 8 of our present personnel are Washington trained, the other are either American recruited in the ETO or British, and these latter were secured from the man-power pool which had been tapped by home agencies for five war years.

#### V. Requesters and Work Load

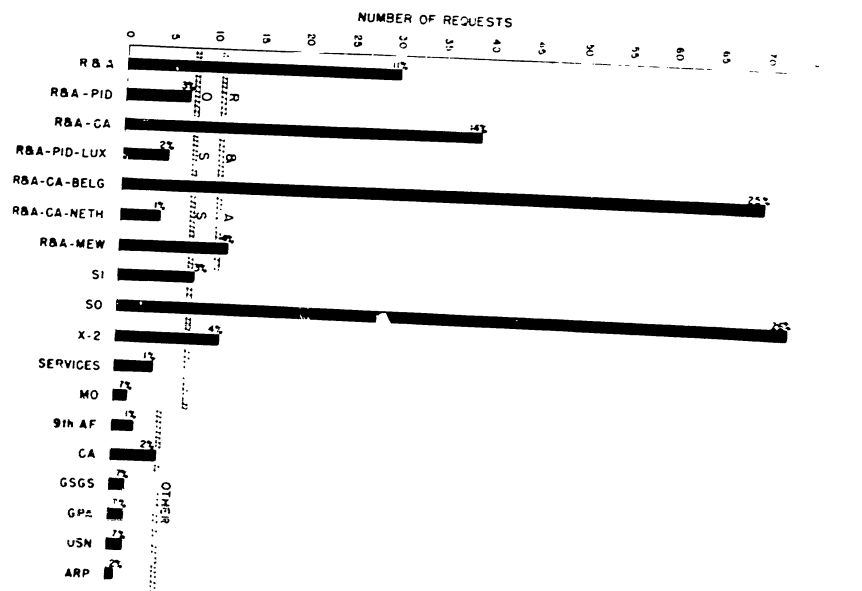
A list and a few comments follow concerning the Section's principle requesters: (See Chart)

1. Belgian Government in Exile. The Section has accepted more requests from this Agency than any other one source. The Arrondissement Series along with the translation and preparation of the tables that accompanied the Series made up a sizeable proportion of the work load. The Series fulfilled a CA request as well.
2. Civil Affairs. Either directly or via divisions in R & A, CA has been the consumer of much of the work load. The CA Displaced Persons Units of France, the Low Countries and Germany have utilized the Section in the preparation of many of their map requests and is the single largest requester in CA.
3. Netherlands Government in Exile. Numerous single maps were requested by this Government, including a great deal of information they had received from their underground sources. These maps also serviced CA.
4. The Luxembourg Government in Exile. The Cartography Section did maps for the FID Handbook which they prepared in conjunction with the Luxembourg Government in Exile.
5. FID. In addition to the above handbook, FID requested a Series of Maps on the Political character of Burgomasters in Belgium.
6. MEW. The Section, in conjunction with the Geography Division, R & A, and MEW prepared a series of maps for the Berlin Zone Book.

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## CARTOGRAPHY SECTION REQUESTERS



- 7 -

7. OSS. The maps prepared for the above requesters also serviced OSS. In addition, the following branches of OSS were serviced:

- a. R & A. Organizational Charts and Flow Diagrams made up the bulk of pure R & A requests. Some divisions, Geography and Political, requested maps in conjunction with CA, FID, and MEW.
  - b. SO. Considerable time has been given to SO operations maps. Much of this work was accomplished under severe rush conditions and with considerable overtime. The War Diary of SO has also utilized the Section in the preparation of its maps and charts.
  - c. SI. A few intelligence maps, charts and diagrams have made up the bulk of requests from this source.
  - d. X-2. Few complete maps were requested by X-2, however, some "A" jobs were requested.
  - e. MO. A few requests.
8. Other requesters.

- a. GSGS. Two City plans have been requested and are well under way. Although in numbers these appear small in the total, the man hours involved are tremendous and the maps represent the Section's first attempt at true Topographical Mapping. GSGS will continue to be, probably at an increasing rate, one of the Section's most profitable requesters. It is one well worth cultivation.
- b. US Navy. The Section serviced the Operations Unit and the War Room of the Navy in London and in France. The number of map requests were few in numbers but the map servicing done was considerable.
- c. 9th AF. Two maps constructed as examples for future requests were apparently well received but the whole scheme broke down and no more requests were received.

During the past 19 weeks, the Section has completed an average of 10 maps per week and has had approximately 35 - 40 maps in progress each week. The average map has taken 53 man hours to complete ready for reproduction.

CONFIDENTIAL

- 2 -

# VI. Reproduction

By the first of September the OSS Reproduction Unit of the Service Branch was set up sufficiently to service the Cartography Section. Experience, however, proved discouraging at first. Service on photostating proved slow, and more important, not dependable; poor prints and ragged trimming too often characterized the delivered job. Dyelines (ozalids) were sub-let and proved very successful. Bromides, produced by the OSS, were of good quality, however, the lack of sufficient equipment for enlarging restricted its use. Offset lithography proved the most discouraging. The Reproduction Unit had apparently contracted for MO work which resulted in the press being put into operation with black ink only for extended periods of time. This meant that the Cartography Section received no priority on colour work and very little on black and white.

Later in September MO prepared to move to the Continent and their requests slowed down. The Cartography Section then received a higher priority and at this writing a dozen offset jobs have been delivered from Reproduction. It seems probable that more of the offset work will be handled by the OSS Unit.\*

Prior to the time that OSS handled our reproduction, the Section was dependent on the 942nd Engineers Reproduction Unit, attached to the 8th AF. They have been and continue to provide us with some of the best colour reproduction the Map Division has ever enjoyed, here or in Washington, and without their help this Section could not have existed at any semblance of its present level. The Map Division is truly indebted to this Reproduction Unit.

The Map Division's agreement with GSGS includes the use of their reproduction facilities which the Section hasn't utilized thus far, however, their large presses may be the answer for certain special jobs in the future which can't be handled by the 942nd, or OSS. In the event that the 942nd moved, GSGS might become our one reproduction outlet for most all offset work.

\*Later reports confirm this.

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- 9 -

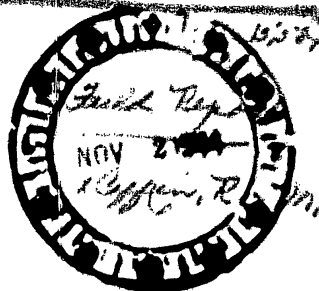
VII. Conclusion

The Cartography Section is organized to plans agreed on by the Washington office with the modifications that were necessary and should continue to function as such. Probably, however, at a reduced scale if present plans for Continental operations are put into effect and a certain percentage of the personnel are moved. It will be important, in making that selection, to leave a well balanced Unit here as well as establish one on the Continent.

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**SECRET****OFFICE OF STRATEGIC SERVICES  
WASHINGTON, D. C.**

TO: General William J. Donovan  
(Through: Mr. William L. Linger)

FROM: Robert L. Coffin, Lt. (Jr.) USNR

SUBJECT: Report of returning personnel conforming to General Order # 63.

I. Description of duties and activities of R. L. Coffin, 12 January 1944 to 9 October 1944.

A. Assistant Chief of the Map Division, R & A, London, England.

1. Responsible for the physical plant of the division including space, equipment, supplies and transportation.
2. Responsible for personnel matters of the division including routine records and hiring of sub-professional personnel. Advises on professional personnel.
3. Advisor to the Chief on matters of division policy.
4. Assignment by the Chief to handle and act on special organizational problems with the various sections.
5. Assist in Cartography on special visual presentation problems.
6. Substitute for the Chief on committees and special assignments.
7. Far Shores assignments with Field Photographic Division.

II. Progress of Work.

Assignment to London 12 January 1944 to assist in the establishment of the Map Division in R & A, OSS. My release on 9 October 1944 was contingent upon adequate completion of my phase of this job. Since our Outpost Division Chief, Lt. Leonard S. Wilson will return in the very near future, full information of work completed will be made by him. At this time it is sufficient to say that the Map Division in London is the second largest operation of this kind, being surpassed in work load by the home office.

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## III &amp; IV.

The last two points suggested by General Order # 63 "conditions in the field that might be improved \*\*\*" and "the specific difficulties \*\*\*\*" I wish to treat under one heading. Almost all the detailed difficulties which I faced at the outpost could have been traced to one basic point, namely that there seems to be a lack of a real intelligence philosophy in OSS. However I wish to mention some of the problems which would have been less significant had there been an established concept of intelligence work and had this concept had adequate implementation.

1. R & A expansion in London was too late.
2. There seems to be a definite lack of coordination between the plans formulated in Washington and those communicated to the field.
- ★ 3. There was a dissipation of energy and manpower in projects which were without scope.
- ✓ 4. The Ph D.-EM combination was a serious morale barrier.
- ✓ 5. There was a lack of clear organization with R & A and OSS.
- ★ 6. Relations with Services were not sufficiently precise.
- ★ 7. There was a tremendous confusion in the continental operations both from the standpoint of a general working program and of mechanics.

May I take up each of these points and elaborate.

1. R & A expansion in London was too late. D minus 120 was far too late in the invasion rush to get a well rounded series of teams ready for the continent. We put Services in a very difficult position. We handicapped our own R & A program and did not leave enough time for our administration to adjust to the new field conditions, get necessary theater clearance and perfect the techniques and liaison necessary for continental collection.

2. There seems to be a definite lack of coordination between the plans formulated in Washington and those communicated to the field. Coordination of outpost aims and purposes between R & A, London and R & A, Washington was never really accomplished. In a sense London had to change from a small operation which had concerned itself mainly with watching over a few researchers scattered among British agencies and in answering specific spot requests from Washington to a fairly large operation responsible for its own program. Having practically no well established intelligence

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-3-

concept a great deal of time was spent trying to set up aims, goals and customers. We feel that these aims and goals were never quite accomplished and that the resulting continental operations will not be entirely satisfactory.

\* 3. There was a dissipation of energy and manpower in projects which were without scope. R & A up until the middle of the spring and almost to the eve of its jump into the continent was looking for other agencies which it might ride "pick-a-back" into the continental theater. This was a continuation of the R & A London policy of dissipation of valuable personnel with an absolute minimum advantage of any well organized OSS aim.

4. The Ph D.-EM combination was a serious morale barrier. The Ph D.-EM combination made for low morale and shook the faith and confidence of our researchers in the administration. It is a well known fact that a guard in Services could get his stripes with some regularity but an R & A enlisted man had almost no hope of any kind of a promotion. This situation seems to be somewhat alleviated at the moment but rather late in the game. There were certain instances of some men receiving rather nasty letters from former employers because they still had to sign their letters etc.

5. There was a lack of clear organization within R & A. Lt. William Applebaum did a fine job in London. In the short time available his job must be considered one of organization- education. However, the shortness of time necessitated a stop-gap organizational solution which was not really a basic change but only a superimposed organizational scheme. The whole plan simply meant that we were patching up a vehicle so that it could limp on to the continent.

\* 6. Relations with Services were not sufficiently precise. We cannot blame Services for our not having adequate transportation, equipment or supplies when it was necessary for Services to compete in the supplies market while the greatest invasion in history was in process. In fact Stearns, McCoy and Christianson as well as their assistants really did a masterpiece of a job. On 12 January 1944 R & A had not even submitted estimates for any kind of space, equipment or supplies for the coming year. As a matter of fact, I was led to believe that London R & A had not been informed of the anticipated enlargement of their office. This was an error which we must charge up to both sides of the ocean.

\* 7. There was a tremendous confusion in the continental operations both from the standpoint of a general working program and of mechanics. The first six points mentioned could only result in a somewhat confused plan of operation and the breakdown of some of the mechanics of the continental operations. For the most part there was no clear idea as to the type of work which needed doing by R & A when it arrived on the

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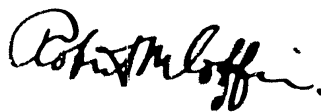
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continental scene. We were grasping at a series of individual parts and were confused as to the big concept of a well rounded intelligence program and how it could be pushed forward by the imminent change of environment. Continental Operations finally took on the appearance of an Oklahoma homesteading rush with our people poised on the line waiting for the gun in order to get into France and stake out his individual claim. Again, authority and transportation for this operation was not completely taken care of and it has resulted in more than the usual confusion.

Had we, in London, had some sort of a planning yard stick many of these difficulties I have mentioned from my own experience would have been put in their proper place and would have been taken care of by pre-planning. These specific details I have mentioned in order to clarify the air for a positive suggestion. It has been quite apparent for some time that plans are being made for the continuation of OSS (and R & A in particular) as an intelligence agency after the war. (At this point I feel that b, loss of personnel and by dissipation of our men to various and sundry theaters, the basic structure of R & A is getting weaker and not stronger.)

I strongly recommend that a small group of men be appointed by the Chief of the Branch to start the formulation of a clear philosophy of an American Intelligence Agency.



Robert A. Coffin  
Map Division

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Field report 15786  
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**OFFICE OF STRATEGIC SERVICES**  
**WASHINGTON, D. C.**

MEMORANDUM

27 November 1944

TO: Brig. Gen. William J. Donovan  
FROM: Lt. Leonard S. Wilson

Attached herewith is Copy #1 of my report of  
the establishment of the Map Division Outpost in London.

*Leonard S. Wilson*  
LEONARD S. WILSON  
Deputy Chief  
Map Division

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Field report**TABLE OF CONTENTS**

Introduction	Page
Section I - Chronological account of Map Division, London	1 2
Section II - Relation to R&A Branch	15
Section III - Relation to Other Branches of OSS	17
Section IV - Relations with Other American Agencies	19
Section V - Relations with Foreign Agencies	24
Section VI - Field Operations - Continental	30
Section VII - Outposts	32
Section VIII- Conclusion	33
Appendix I Personalities	
Appendix II Personnel Status	
Appendix III Present Status of Supplies from Washington	
Appendix IV Equipment Procured in ETO	
Illustrations	
Figures	

**SECRET**

**SECRET**

**LIST OF ILLUSTRATIONS**

Chief, Map Division, OSS, London.  
Administrative Office  
Chief, Cartography Section  
Head Draftsman, Drafting Unit, Cartography Section  
Drafting Unit, Cartography Section (2 photographs)  
Compilation Unit (7 photographs)  
Chief, Map Information Section  
Map Collection Unit, Map Information Section (4 photos)  
OSS Map Collection, Map Information Section (2 photos)  
Request Unit, Map Information Section  
Cataloging Unit, Map Information Section  
Distribution Unit, Map Information Section.

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Introduction

-1-

**SECRET**INTRODUCTION

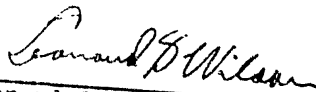
This is a report of the activities of the Map Division Outpost, London, from its inception on 29 January 1944 through 21 October 1944.

The purpose of my assignment was:

1. To establish a Map Division Outpost to service the Research and Analysis Branch, London.
2. To investigate British mapping agencies and to arrange for an exchange of products between them and the Map Division, OSS.
3. To enter into agreements with other foreign Governments-in-Exile agencies which might produce maps or map materials of interest to the OSS.
4. To provide for the existence of such Map Division activities as might be necessary for the servicing of a Peace Conference on the continent of Europe.

Nine months were necessary for the establishment of the Map Division Outpost and the completion of exchange agreements between the agencies of the British government and the several Governments-in-Exile on one hand and the Map Division, OSS on the other.

If this mission has achieved its purpose, the fact is attributable to the cordiality and assistance rendered by the OSS, London, R&A, London, the British Government, the several foreign Governments-in-Exile, COMNAVU and the unfailing loyalty of the personnel of the Map Division, London.



Leonard S. Wilson, Lt., USNR  
Deputy Chief, Map Division

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ASSIGNMENT IN BRITAIN

BY

LEONARD S. WILSON, LT., USNR

20 OCTOBER 1944

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Section I

## PREFACE

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The following report is divided into several sections dealing with factors which appeared to be important in London. It is presented not as a complete report but as one which deals with the growth and organization of a Map Division Outpost.

The chronological account is presented primarily to show the speed with which the scene in London changed and to present a fairly complete representation of the activities on a month to month basis. The section dealing with relations to other branches and agencies should be considered in the light of the operations which the Map Division performed. It is by no means an exhaustive list of British agencies nor of opportunities for OSS but it is a complete summary of the opportunities presented to the Map Division prior to and immediately after D-Day. The establishment phase and lodgment of the Map Division in a secure position in ETO has been completed. Its future will change as operation in Europe takes on new phases. The next several months should see the opening up of the continent to map procurement providing the Map Division receives the cooperation of the OSS Administration in obtaining:

1. The authority to operate under the American armies on the continent.
2. Transportation in the form of jeeps or other motor vehicles.

The Map Division will then have the physical facilities to engage in map intelligence work. It should take greater interest in the collection and evaluation of maps from all European countries, and further it should examine existing foreign government map agencies with a view to reporting their activities back to Washington.

The Map Division agreements with the British, copies of which are attached, afford an opportunity for the Division to gain access to British planning maps both in the political and economic as well as military phase of international relations. Such activities should be expanded to include greater opportunity for members of OSS to engage in clandestine observation of foreign intelligence mapping agencies. Services to OSS and other war agencies will come to a close in ETO within the next several months and it would be advisable to expand the American staff of the Map Division to a point where such observation and collections of intelligence materials can be made.

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-2-

**SECRET**SECTION 1CHRONOLOGICAL ACCOUNT OF MAP DIVISION, LONDON

JANUARY: Upon arrival in London on 29 January 1944 it was found that Mr. Allan Evans had assigned the Division approximately ninety square feet in the basement of the R&A building at 68 Brook Street. Equipment included one portable typing desk, two portable tables, one empty file case, while personnel consisted of Mr. Robert Coffin and Mr. Leonard Dziczkowski, from the Map Division, Washington, and Miss Victoria Paul, who had been hired by Mr. Coffin while enroute from the United States.

FEBRUARY: The Chief of the Map Division, London, reported to Mr. Evans on 1 February, and it was learned that Mr. Evans had not been informed of the plans of R&A, Washington, for the future of the London Outpost, and no intimation had been given that the several Divisions of R&A would descend en mass on London within the next few months.

It was further found that payroll information regarding the personnel of the Map Division had not been forwarded from Washington, and cable 20971 was dispatched requesting transfer of personnel records.

First days were devoted to organizing space and borrowing or otherwise acquiring such equipment as could be obtained. Mr. Dziczkowski managed to obtain two five-drawer map cabinets and a considerable number of maps from the SI Branch. By 7 February the Division was in urgent need of supplies, and cable 22101 was dispatched.

During the week of 7 February Mr. Sherman Kent arrived from METO and NATO, and together with him the Division Chief visited ISTD at Oxford. While there, the OSS personnel were interviewed, and in the absence of Colonel Bassett a long discussion with Lt. Wells the Executive Officer was held. The services of the Map Division Outpost were offered to ISTD including both map information and the compilation and reproduction of original maps. Lt. Wells expressed ISTD's appreciation of the offer.

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-3-

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The Commanding Officer of NID-5 was also visited, and the relationship of the Map Division to NID-5 was discussed. It was learned that the British organization would not be interested in OSS work.

By 10 February the Map Division, London, began to service Algiers, and the first request was cable 21721.

Prior to the arrival of Mr. Morse meetings were held each morning in Mr. Evans' office, and the program of the day of each individual in R&A was discussed--the purpose being to exchange information regarding contacts of possible value to other members of the Branch. It became apparent by 15 February that the major effort of R&A in this theater would be in the field of political interpretation, and the first request to Washington for political boundary maps was made on this date in cable 23961, as yet not acted upon.

By 17 February it was obvious that the expansion of R&A Branch and the Map Division would require considerable increase in available reproduction facilities, presently under the supervision of Field Photographic Branch, and this information was forwarded in cable 24521. In Washington, as a result, Commander Spencer, Chief, Field Photographic Branch, in conference with Mr. Robinson and Major Lefevre, Chief Reproduction Branch, arrived at an agreement to have Services take over reproduction in London, and on 9 March at a meeting held in Colonel Giblin's office, attended by Colonel Giblin, Major Stearns, Mr. Allan Evans, Sgt. Jamieson, and the Chief of the Map Division, cable 27101 was completely discussed. The Chief of the Map Division had no prior knowledge of the request for 10,000 square feet of space contained in the above-mentioned dispatch.

Through the cooperation of Major Stearns, Services Branch, examination was made of 51 Grosvenor Street, and it was determined that approximately 3,000 square feet could be made available within ninety days. During this period the Map Division began to concentrate on personnel and equipment procurement.

SECRET

-4-

Unfortunately because of ill health, it was necessary to recall Mr. Dziczkowski to Washington at his own desire. This was requested on 22 February and took place on 16 April, reducing the effectiveness of the Map Division Outpost by the removal of one of the two Washington cartographers on the staff. At the same time a large map request was made by COMNAVEU. The Map Division accomplished its assignment in four days and nights. The entire professional staff of the Division worked an average of twenty hours a day to complete the map in the required time.

During the week of 22 February Ensign C. J. Thoren was recalled from detached service at Oxford, and assigned to the Map Information Section.

Also during the month of February the space situation became so critical that it was necessary to take over most of the basement of 68 Brook Street--a total of approximately 700 square feet. But we could hardly be called Map Division since Map Information consisted of one person, while the Cartography Section consisted of seven draftswomen, Lt. William Rueff, who was trained in architecture, Mr. Robert Coffin and Mr. Oswald Schmidt. Interviews were continued, requests for equipment were made to Services, and the Division began to take form. During the latter part of February and the first half of March intensive training was given to British personnel, and by 15 March a well-trained drafting force was in being.

On 25 February it was learned from Major Andrews, OSS Adjutant, that there were approximately 43 enlisted men's slots unfilled and available for R&A London. After consultation with Mr. Harold Deutsch and Mr. Crane Brinton, Mr. Allan Evans in cable 25884 requested nine of these slots for assignment to the Map Division. The TO's were to be utilized to obtain nine enlisted men formerly attached to the Model Shop in Washington and lost enroute to the Engineers' Model Shop in London. By 10 March the nine enlisted men were recalled from the Map Division, London, where they were working because of a lack of vacancies on TO.

SECRET



-5-

MARCH: Arrangements were made to replace Mr. Dziczkowski with Ensign H.V.B. Kline in a Washington cable 26771 on 3 March. This proved impractical, and on 18 March, Washington cable 30431, Ensign Robert Voskuil was suggested as Chief, Cartography Section.

With the arrival of Lt. (jg) Fred Foster, USNR, on 1 March, the procurement of personnel of the Map Information Section, which had been permitted to lag until the Cartography Section was established, was speeded up. Interviews with fourteen geography students at Cambridge University were held, and of these five were selected. However they were unavailable until June when Cambridge academic year ended.

Outside contacts included Civil Affairs, SHAEF and SHRIVENHAM, General Purchasing Agency, NID-4, G-2, OWI, PID, EWD, and the Combined Chiefs of Staff as well as the Netherlands Government-in-Exile.

Repeated trips to Shriveham resulted in considerable waste of time because of a lack of understanding on the part of the Map Division and R&A as to the relative importance of the various parts of Civil Affairs. Washington was informed of the reorganization of Civil Affairs in a memorandum dated 4 April. As a result of investigation at 40 Berkeley Square it was decided that any work for Civil Affairs, SHRIVENHAM, would be held to a minimum, and every possible effort be made for the servicing of Civil Affairs, WYDEWING, 40 Berkeley.

APRIL: During April the Map Information Section began to take form. Private Robert B. Hall and Miss Demetra Aeton arrived from Washington, Miss Miriam Brickman was employed as a Clerk-Typist, and Mrs. Grace Lumley was appointed Clerk in Charge of OSS Maps.

The problem of supplies and equipment continued to be pressing. Because no appreciable amount of cargo was received from Washington it became necessary to procure cartographic equipment in the British Isles; pens, inks, drafting tables, map cabinets, T-squares, triangles, lettering sets, stools, etc., were obtained locally with the cooperation of Services Branch.

SECRET

-6-

During a visit to GSGS, EASTCOTE, a conference was held between the Chief of the Map Division, London, and Brigadier Hotine, Director, Military Survey. It was agreed that two copies of each GSGS publication would be made available to the Map Information Section as an automatic distribution, and all maps produced by GSGS could be ordered in quantity at any time. (See figure 1) One copy of each publication has been sent to Washington. No cartographic agreement was made but a general discussion of cartographic techniques was held.

The Cartographic work continued to reflect the interest of R&A in Civil Affairs, while for the first time several requests were made directly to the Map Division by outside agencies. Work was begun on maps for the Netherlands-Government-in-Exile and for the Chief of Staff, U.S. Navy.

Personnel additions included Shelagh Gilby and Liliane Alergant, Draftswomen, Maris Smith, Secretary to the Chief, and Lt. (jg) John P. C. McCarthy from the Maritime Unit, OSS.

MAY: During May the Map Division established working relations with Prime Minister Winston Churchill and began to supply him with maps and models prepared in Washington and London. (See figure 2.)

In addition an agreement was made between the Far East Section of ISTD and the Map Division resulting in an exchange of maps produced by these two agencies. (See figure 3.)

The Map Division acquired 2,000 feet of reconditioned space located at 51 Grosvenor Street, and for the first time a large order of drafting supplies was received from Washington. Locally 12 drafting tables and 28 map cabinets were purchased temporarily settling the problems of equipment.

Personnel additions during this month included Ensign Robert J. Voskuil, Chief of Cartography Section, to replace Leonard Dziczkowski, who had returned to Washington several weeks prior to his successor's arrival,

SECRET

-7-

Misses B. Leifer, D. Lardent, D. Mann, draftswomen, Miss Doreen Redpath, Secretary to Mr. Coffin, and Miss Rosa Truetham, Secretary to Mr. Voskuil. Miss Victoria Paul was transferred to the Administrative Office, R&A.

In addition to the agreements previously mentioned, working plans were made with the Netherlands Government-in-Exile, the Belgian Government-in-Exile, the Luxembourg Government-in-Exile, and the SHAEF War Room. As a result, the Map Division began to service, both in map information and cartography, these new agencies, and for the first time we were able to supply PID with maps, based on the various exiled governments' statistics, for PID Handbooks on Luxembourg and the Netherlands.

During the latter part of May the Map Division was requested to establish a Model Shop for the preparation of operational terrain models for the SO Branch. Slots were made available to Washington, and General Donovan gave the project top priority for procurement of personnel and material. (See figure 4) As yet no personnel has been obtained other than by agreements made with the Ministry of Home Security, and no equipment had been forwarded from Washington by the first of September when because of the late date all requisitions from this source were cancelled.

During the last week in May the Misses Mimi Parsons, Margaret Weddell, and Priscilla Johnson arrived from Washington, and Private, First Class Edward Becker and Private Lawrence Hofstein were procured from SO.

JUNE: The first half of the month saw the Map Division enter into a bi-lateral agreement with GSGS concerning the cartographic work of the two agencies. (See figure 5.) Work for the various Governments-in-Exile and the Prime Minister continued, and working relationships were established with the Secretary of the American Embassy.

During the latter part of June the work-load in both Map Information and Cartography continued to increase, and space for the Model Shop to be established in London was procured and surveyed. Detailed specifications for

SECRET

-8-

installation of equipment were written, all material available in London had been ordered, and complete lists of lacunae were forwarded to Washington.

Procurement of maps from commercial sources was undertaken, and approximately 100 maps were purchased. Duplicates were forwarded to Washington.

The Division completed its organization, job descriptions and procedures were prepared, and all anticipated increases in personnel for the Model Shop had been accomplished. Additional personnel included: Miss Marjorie Drew, Clerk-Typist, Miss Mary Cameron, Mrs. Yvonne Nothmann, both Clerk in Map Information, Mrs. Betty Bazley, Cartographer, Private Thomas R. Smith, Cartographer, Sgt. Robert Moth, Cartographer.

JULY: The Division entered into an agreement with the Map Section of SHAEF to integrate the work of these two agencies. It was similar in all respects to the agreement made with the Survey Directorate but was not formalized. From it the Division has obtained two copies of a weekly index of set map progress.

The Map Information Section completed its survey of commercial maps available in London and Edinburgh, Scotland, and work on the Continental targets was undertaken. Approximately five hundred were cataloged.

Other agreements were made between the Division and the British Ministry of Information, Topographical Section, and Home Forces Map Section. Neither of these was formalized.

The Chief of the Map Division Outpost, London, requested permission of the Chief of the Map Division, Washington to engage in a short trip to the Mediterranean for the purpose of integrating the work of the three outposts in anticipation of Continental operations. Approval was granted for a trip of such short duration and limited scope that the trip was cancelled.

SECRET

-9-

AUGUST: On the first of August the Map Division entered into an agreement with the Director of Camouflage, Ministry of Home Security, for the purpose of making models to the specifications required by SO. (See figure 7.) Later in the month the agreement was revised to the extent of having the Map Division take over the space and eleven members of this British organization for the purpose of constructing models for SO. A team from London was sent to Leamington Spa, and the formal exchange of the Model Shop took place. (See figure 12.)

From August 11 to 16th the Chief of the Division visited OSS Headquarters and Headquarters Detachment Forward at the request of Colonel Forgan to determine the cartographic needs of the Third Army Headquarters. A detailed account of his activities was forwarded to Washington on the 17th.

During the entire month the Cartography Section worked long hours overtime in the preparation of maps for SO and SI operations. Copies of letters of appreciation are attached. (See figures 9 and 10.)

The Map Information Section volume expanded to service SO and SI. Special map kits were made up for travelers to the Continent. See office supplies were received from Washington.

Preparations for R&A Map Division, Berlin, were completed, and submitted for approval. Similar preparations were submitted to the Chief of R&A, London, for the Paris Outpost and for field parties in France.

Seven additional personnel joined the Map Division: Miss Audrey Daubercies, professional, in Map Information, Miss Betty Robinson, Clerk-Typist, Map Information, Misses Ernestine Hamburg, Betsey Orr, and Virginia Robinson arrived from Washington, Chief Petty Officer Joseph Mueller was loaned from COMNAVEU as cartographer, Cpl. Richard Opfar was loaned by the Services Branch as draftsman.

SECRET

-10-

SEPTEMBER: During the first half of the month the Division made an agreement through the State Department which resulted in complete exchange of maps between the Map Division and the Research Division of the British Foreign Office. (See Figures 11, 12, 13, 14 & 15.)

Plans were made with Lt. John Sawyer of R&A Algiers regarding the amalgamation of NATO personnel with the London Map Division to service SIRA in Paris. Mr. Oswald Schmidt and Ensign C. J. Thoren were assigned to duty with the R&A Task Force.

Field Photographic Branch requested the assistance of the Map Division in selecting targets for photographs to be taken in France. The Map Division recommended that a motion picture of the entire Coastline of the Continent be undertaken. (See Figure 16.) Experimental flights were made, and Lt. (jg) Robert M. Coffin was assigned TAD with the Field Photographic Flight in France.

The Model Division received requests from SO, and two written requests from the Chief of Naval Operations, ETO, for large scale models of important ports to be used as major bases for the invading army were received.

Services of the map Information Section and the Cartography Section continued for the same consumers.

The Map Information Section began to select a collection for use in Berlin, and integration of cataloging between Washington and London was started.

Work on the 1945 estimate of supplies was continued, and estimates for Berlin and Paris Outposts were completed.

Miss Marjorie Murphy resigned from the Map Division, and Mrs. Birgitta Charles reported for duty as Secretary to Assistant to the Chief. In addition the following personnel were acquired from the Ministry of Home Security for duty with the Model Shop at Leamington Spa:

Miss Hilary Y. Chappell	Mr. Colin Sealy
Mr. Louis C. Duffy	Mr. Paul Shelving
Miss Mary Fennessy	Mr. Arthur Shipman.
Mr. Eric Schilsky	

Mr. Clifford J. Shelley was loaned to the Model Shop from the Ministry of Home Security. (See Figure 17.)

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-11-

Late in September all plans for Paris were drastically revised because of the closing of the City of Paris to OSS. This was not a serious blow to the plans of the Division for it did not desire to engage in the establishment of a large outpost at the present time. Under the reduced program contemplated for Paris only two members of the Division were dispatched. Ensign Conrad J. Thoren and Mr. Oswald Schmidt were sent with the first R&A lift, and since that time have made three bi-weekly reports indicating that a tremendous volume of maps had been procured and were enroute.

The Map Division received a copy of a letter signed by Major General H. J. Kruls acknowledging the work accomplished for the Netherland Government-in-Exile during the past months. (See Figure 18)

Work in Cartography emphasized the arrondissement series for Civil Affairs and the Belgian Government. The GSGS program in Cartography continued to expand, and tentative plans for a series of maps to be produced in cooperation with the Geography Division for UNRRA were discussed.

Relations with the other Branches continued to take up a good share of the administrative time. The Field Photographic Aerial Motion Picture Project continued to be developed. Conferences were held with Major Harold Coolidge of SI concerning cartographic work necessary for the Reporting Board. Arrangements were made for satisfactory services to the Insurance Unit of X-2 in the preparation of maps requested by Washington.

Personnel changes included the assignment of Miss Alice Lambert as Clerk in Map Information; Miss May Waller as Clerk in Map Information; Pfc Edward Becker was transferred from SO to the Map Information Section; Lt. (jg) J. P. C. McCarthy returned from TAD Washington to his post as Assistant to the Chief; Miss Friscilla Johnson was recalled from duty with Model Shop and assigned to the Cartography Section; Mrs. Yvonne Nothmann resigned; Lt. (jg) Robert Coffin continued on assignment to Field Photographic Mission in France; Ensign Conrad J. Thoren and Mr. Oswald Schmidt

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-12-

continued field operations; Pvt. Royal Bengstacken was assigned to the Cartography Section from the Director's Pool; and Seaman I/C Harold J. Schaller continued on loan from COMNAVEU to the Cartography Section; Pvt. Lawrence Hofstein continued on loan from SO Branch to the Model Shop.

OCTOBER: During October the Division received a copy of a letter signed by the Private Secretary to Queen Wilhelmina expressing the official Netherlands appreciation for the services rendered by the Map Division. (See Figure 19)

The Cartography Section continued its normal production of maps with no change in volume while Map Information Section requests were reduced by approximately one third and reached a point which permitted a greater amount of attention to be paid to cataloging. This was most desirable.

The Model Section delivered a model of the City of Brest to Admiral Wilson, and a letter of commendation is forthcoming.

Continental operations indicated, from the small sample received that there is a large amount of work to be accomplished. Approximately 100 maps on Russian Territory were received and have been pronounced by the USSR Division to be the best information regarding Russia that has ever been made available to the USSR Division in Washington. There are in addition seven cases of maps enroute by sea which have not as yet arrived.

Private Robert Hall was dispatched to join Thoren and Schmidt. The Chief of the Map Division requested permission to visit Paris in order to assure proper channeling of maps and map materials from the Continent to London for trans-shipment to Washington. He failed to receive the approval of OSS, London, because of the record which OSS had already established in Paris. As an alternative, in conference with Mr. Allan Evans and the Division Chiefs a program for the routing of maps fulfilling the spirit and the letter of Special Order No. 76 was worked out. There has been no lack of cooperation from R&A, London, in the routing of map materials.

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-13-

On the 20th of October an agreement was formalized with GSGS involving the procurement of maps on the Continent. Briefly it contained the following points:

- (1) GSGS will attempt to procure two copies of each map obtainable in their area of operation for delivery to OSS Map Division, London, and will further inform the Map Division representatives of depots of maps and text material within their sphere of operations.
- (2) In exchange the Map Division has agreed to keep GSGS informed of its teams upon the Continent and to deliver to GSGS copies of maps which their teams may procure.

It seems that in exchange for the sacrifice of a small amount of liberty for the team of five which the Division has upon the Continent the Map Division will gain access to the services of approximately 2,000 operators which GSGS has upon the Continent. This removes any illicit procurement which might lead to difficulties at a later date, and assures both Cartography and Map Information a permanent future in London. A similar agreement should be entered into with the Army Map Service. (See Figure 20).

During the week of October 15 to 21st preliminary agreements were made with ACC. These will be formalized and will involve both Map Information and Cartography. The details have been worked out but further discussions will be held prior to the formalizing of the relationship. H. V. B. Kline will conclude an agreement calling for the production of 330 maps for this Agency during the next 50 days. A copy of this agreement will be forwarded in the near future.

Personnel changes during this period included the arrival of Lt. (jg) H. V. B. Kline, Chief, Map Division Outpost, and Mr. James Brammel, Chief, Cartography Section on 2 October. Lt. (jg) Robert M. Coffin returned to Washington on 8 October. Ensign Robert J. Voskuil departed on 12 October, and Lt. Leonard S. Wilson returned to Washington on 21 October. Daniel Esposets and Anthony Errico, S 2/C, reported for duty, TAD, from COMNAVEU on 16 October. Miss Mimi Parsons left on 4 October

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It seems that in exchange for the sacrifice of a small amount of liberty for the team of five which the Division has upon the Continent the Map Division will gain access to the services of approximately 2,000 operators which GSGS has upon the Continent. This removes any illicit procurement which might lead to difficulties at a later date, and assures both Cartography and Map Information a permanent future in London. A similar agreement should be entered into with the Army Map Service. (See Figure 20).

During the week of October 15 to 21st preliminary agreements were made with ACC. These will be formalized and will involve both Map Information and Cartography. The details have been worked out but further discussions will be held prior to the formalizing of the relationship. H. V. B. Kline will conclude an agreement calling for the production of 330 maps for this Agency during the next 50 days. A copy of this agreement will be forwarded in the near future.

Personnel changes during this period included the arrival of Lt. (jg) H. V. B. Kline, Chief, Map Division Outpost, and Mr. James Brammel, Chief, Cartography Section on 2 October. Lt. (jg) Robert M. Coffin returned to Washington on 8 October. Ensign Robert J. Voskuil departed on 12 October, and Lt. Leonard S. Wilson returned to Washington on 21 October. Daniel Esposets and Anthony Errico, S 2/C, reported for duty, TAD, from COMNAVEU on 16 October. Miss Mimi Parsons left on 4 October

SECRET

SECRET

-14-

and her place was taken by Mrs. Mimmford on 11 October. Mr. Robert C. West from MEDTO reported for duty at the Paris Outpost on October 20. It is planned that he will be in charge of this outpost of the Map Division.

SECRET

Section II

- 15 -

SECTION IIRELATION TO RESEARCH AND ANALYSIS BRANCH

A total of 2.8% of Map Information work was devoted to servicing R&A while the Cartography Section devoted approximately 49% of its work R&A and associated agencies projects. (See Figures 21, 22, 23.)

Most of the work done by these two Sections for R&A was the result of liaison efforts being carried out by the Branch. As an example, all of the work done for Civil Affairs was done either as a result of liaison between the Political Division and Civil Affairs or between the Geography Division and Civil Affairs. A similar condition prevailed with regard to work done for PID. All requests from this British agency have been made through Mr. Robert Reynolds. No work has been requested by the Economics Division except one map for the European Political Roundup.

More recently with the transfer of a total of thirty-five people to Paris to establish an outpost the trend of work for the Map Division in the R&A program has been clarified by the statement of Mr. Deutsch that he does not wish to have, nor can he see, any future need for cartographic assistance at Paris and that map information service is not of a sufficient volume to require personnel, and permission to send additional personnel has been refused.

It was hoped in the beginning that a R&A unified program would be established in London and that the Map Division might play its part in such an enterprise. However, this proved a false hope since R&A, London, is essentially interested in spot reporting which obviously does not entail such amount of data nor does it require maps. (See Figures 21 and 23.)

However the total amount of work for R&A is only in part a presentation of the entire relationship. As in Washington, the Map Division through its contacts with other agencies has been of considerable value to R&A.

SECRET

-16-

INDEC, in the person of its representative, Mr. Ralph Carruthers, has been most cooperative in attempting to fill Map Division requests for copies of publications originating within Occupied Europe, and during the past eight months has supplied several hundred different maps of recent date procured from their Outposts. Two of the most recent editions of Stieler's Atlas were included in this material.

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G E O G R A P H I C   R E P O R

Section III

- 17 -

SECTION IIIRELATION TO OTHER BRANCHES OF OSS

The largest users of Map Information have been OSS operational Branches which consumed approximately 49.6% of Map Information Services. Requests varied between SI and SO with the former requesting large volumes of maps prior to D-Day, and SO accounting for greater proportions as operations on the Continent developed. Both Branches called upon Cartography Section for a heavy volume of Top Secret Operational work. This resulted in 285 hours overtime during August.

Cordial relations with the Insurance Unit of X-2 have made available many Far Eastern maps which would have not been otherwise obtained.

More recently the combined project of Field Photographic Branch and the Map Division has been undertaken. It is too early to make a detailed report but the Division is quite convinced that the work it is now engaged in will be of lasting benefit to the security of the country and may well prove the most valuable work it has accomplished. It may further result in considerable cartographic work.

Relations with the Services Branch have been excellent. Captain McCoy was most cooperative at all times, and in the face of shortages in England and lack of procurement in Washington has done a remarkable job.

The Reproduction Branch set up in April because of increases in the requirements of the Division began to produce offset maps during September. Shortly after this had been accomplished the entire organization was changed by its transfer from Services Branch to R&D Branch. Preliminary discussions were held with Colonel Reddick, Chief, R&D Branch, concerning the requirements of the Map Division. No final arrangements were determined and Colonel Reddick left for MEDTO with plans for the reproduction of maps and GIW still

SECRET



-18-

unsettled. The Chief of the Map Division served as a representative of R&A in attempting to work out the reproduction requirements for maps, GIW, and EPH. These plans were laid before Colonel Reddick who was of the opinion that much of the equipment at present used in 51 Grosvenor would not be necessary to carry on this work, and he further determined to cancel linotype equipment ordered by Major Lefevre. It was feared by the Map Division that attempts would be made to job-let printing work in the British Isles; a procedure which would be entirely unsatisfactory because of the unpredictable delivery such service entails.

During the third week in October the Chief of Reproduction, Services, showed to the Chief of the Map Division correspondence originating in Washington in which it was pointed out that only one complaint had been registered concerning reproduction, and that by Lt. Wilson. A letter, concerning the separation of Reproduction and Services, was written at the request of Lt. William Ashcraft in which it was pointed out that the Map Division at no time wished to have reproduction removed from the Services Branch and that in the opinion of the Map Division it would be a waste of skill and effort to remove the staff of Reproduction, Services, a group of men with whom the Division had worked in close harmony in both Washington and London. Major Stearns, Chief of Services, took serious objection to this procedure, and in the course of events, quite apart from the previously-mentioned memorandum, Reproduction was transferred back to Services.

Reproduction of maps by the offset method is of the highest quality and leaves nothing to be desired. However, black and white copy work by photostatic and photographic means leaves a great deal to be desired in both quality and volume, although both of these factors have improved markedly.

SECRET

Section IV  
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- 19 -

SECTION IVRELATIONS WITH OTHER AMERICAN AGENCIES

Opportunities for servicing other American agencies were hampered by lack of agreements necessarily made in Washington. As has been previously stated, policies are made in Washington, not in the field. Locally, working agreements were undertaken but over-all planning for work must be achieved through Washington directives. The following notes on American agencies will tend to bear this out:

CORPS OF ENGINEERS, U.S. ARMY:

The first agency contacted was the Corps of Engineers, U.S. Army, and aside from a very small percentage of maps requested by Map Information, the Corps has been of no value. C.E. agreed to reproduce maps for us but could set no deadlines. (See Figure \_\_.) They criticized materials received from Washington as being valueless and inaccurate. General Loper in Washington neglected to fulfill his agreement to notify his Deputy, Colonel Milwitt, of the establishment of OSS

G-2, SHAEF:

This agency has its own Map Division and is interested solely in the specifications for tactical maps. There is little room in their program for the type of work done by cartography. Aside from supplying two models of the English Channel and 500 copies of Netherlands Minor Civil Divisions, we have been unable to service them in any way.

CIVIL AFFAIRS:

Civil Affairs has gone through as many reorganizations as the Board of Economic Warfare, and as a consequence work with them has been jumbled. At the time of the arrival of the Chief of the Map Division in London, R&A's program for the future was related to servicing Civil Affairs, Shrivenham. Three visits to this training center demonstrated that there was plenty of work of low priority

SECRET

- 20 -

which could be accomplished. At one time the Division was requested to produce a total of 1800 maps which it later found were to be used in the training of officers. After partially completing one, the rest of the series was cancelled. Further explorations led to CA-SHAFF. Here relationship with the Displaced Persons Section was excellent. None of the other functional Sections required maps since they were engaged solely in the writing of directives related to law, banking, public health, and other similar unmapable data. (See Figure 24)

#### G-5, SHAFF, THE COUNTRY UNITS:

The Country Units varied in their requests both in volume and in urgency. An interesting relationship developed for many of the materials required by the Luxembourg, Belgian, and Low Countries Sections were available in the offices of the Governments concerned. The Map Division procured the data, processed the maps, and delivered the final copies, made to the specifications of Civil Affairs, serving as a go-between for the countries concerned and for Civil Affairs.

#### STATE DEPARTMENT:

Ever since the departure of Dr. Isiah Bowman for the United States, the Division has been attempting to make a working relationship with the Department of State, and so far it has serviced the Ambassador by supplying maps for his use. The initial contact was made through his secretary. More recently the Division has been dealing with Mr. Stephen Brown, the Third Secretary of the Embassy, and as a result of this copies of our maps are automatically delivered to the Ambassador. More recently through the Secretariat of the OSS, the Division has received requests for cartographic work. While at the present this is small in volume it is anticipated that the quality of our work will lead to future requests.

PLANNING SECTION, ONI: Relations with the Section have been extremely good, and the Division has received requests from them for service by all three Sections of the Division. Map Information has delivered several hundred maps for use in the War Room and at conferences.

SECRET

- 21 -

The Cartography Section made several maps, one of which was reproduced by the British Admiralty and is serving as a navigation chart. The Model Section has delivered a model of the City of Brest on a scale of 1:3,300, and has been requested to prepare a similar model of Berlin for the Chief of the Naval Mission in that City, Vice Admiral Glassford, as well as the ports of Antwerp and St. Nazaire. All of this work has been acknowledged by letters addressed to Colonel Bruce and Mr. Morse. (See Figures 26 and 26.)

#### UNITED NATIONS RELIEF AND REHABILITATION ADMINISTRATION:

The Map Information Section has received numerous requests from UNRRA to supply copies of existing maps. Some of these are Map Division production and some are British. At the present time, the Cartography Section is awaiting the final data for the preparation of a map for UNRRA. (See Figure 27)

#### NINTH AIR FORCE:

The Division received written requests from Colonel Amoss of the Ninth Air Force for the preparation of a series of four defence maps for airfields in Northern France. The progress of war has been so rapid that it was impractical to continue this service. (See Figure 28.)

#### EIGHTH AIR FORCE:

The Map Division has had little contact with the Eighth Air Force until recently, but during the first week of October formal requests by the First Airborne Division of this groups have been made for three Top Secret models. Models will be constructed for airborne operations, and if the war continues at its present rate, the Division anticipates numerous requests for its service.

By far the greatest service that the Map Division has received from any American agency has been supplied by the 942d Engineers Aviation Topographic Battalion of the Eighth Air Force. During eight months of the Division's existence every offset map was reproduced by this excellent printing unit. Working solely with mobile

SECRET

- 22 -

equipment they were able to produce maps of unusual clarity and exceptional registry. Without their service it would have been impossible to have prepared any maps other than photographic and photostatic reproductions. The Map Division is very greatly indebted to them for their cooperation.

GENERAL PURCHASING ADMINISTRATION:

A few requests for cartographic and map information assistance have been made. For the most part they dealt with resources of France, forest coverage, types of trees, gravel deposits, etc. It was of small volume, and has now ceased. (See Figure 29)

G-2, ENGINEERING INTELLIGENCE:

This agency has continued to request regularly from Map Information Section copies of maps produced by the Division or procured from other agencies.

G-5, FUSAG:

Numerous requests for maps were received prior to the departure for the Continent as the Field Unit of G-5. The type of material was limited to town plans and communications maps.

G-5, ETOUSA:

This group requested political division maps of the several countries from the Pyrennes through Norway. This for the most part has ceased with the removal of G-5, ETOUSA, to Paris.

CIVIL CENSORSHIP, U.S.:

Postal maps and administrative maps of all the Western European countries were requested.

U.S. ARMY ORDNANCE: Maps of communications and city plans were requested.

U.S. TACTICAL AIR FORCE: This agency is a combination of the Eighth Air Force and the Ninth Air Force. It was interested primarily in town plans and communications maps.

SECRET

- 23 -

ECAD, G-2:

This is the Kit Section of G-2, sometimes G-5, and it is interested in procuring maps for the preparation of kits for Civil Affairs officers on the Continent. Requests included procurement of administrative maps, town plans, and road maps.

CBS:

Road maps of England and the Continent were requested from the Map Division with a small and sporadic relationship.

SECRET

Section V



- 24 -

## SECTION V RELATIONS WITH FOREIGN AGENCIES

### BRITISH

PRIME MINISTER: The outstanding British contact serviced was the Prime Minister. (See Figure 2). An average of 50 maps a week, procured either locally or from Washington have been delivered for his use. In addition models and color photographs of models prepared in Washington were made available to him. Reliable reports stated that the Prime Minister upon seeing something particularly good in his war room has said, "Some more from the Americans, I presume." He took many of the maps and the Po Valley Model to Quebec in September 1944.

FIRST LORD OF THE ADMIRALTY: Duplicate copies of all maps supplied to the Prime Minister were automatically sent to the First Lord of the Admiralty. There has been personal contact with this agency through the Secretary, Captain Pim.

WAR CABINET OFFICE: Several requests have been received from the War Cabinet Office for OSS maps prepared in London and in Washington. There has been no cartographic work done, and there is little possibility of map construction in the future.

GEOGRAPHICAL SECTION, GENERAL STAFF: There has been a complete integration of the work of map information and cartography with the Directorate of Military Survey. Copies of agreements are attached. (See Figures 5 & 20) The Division's relationship with the Survey Directorate has left nothing to be desired. They have cooperated in every way and have made available their entire collection and map making resources. GSGS has utilized as bases maps constructed by the Map Division, London, and has in addition requested the Division to prepare many maps for them. The first of the City Plans is completed. The Division will supply City Plans for GSGS. On some ISTD will mark the significant buildings on a red overlay.

SECRET

- 25 -

Thus the two agencies will have collaborated at least to the extent of preparing maps for Survey Directorate. Recently GSGS has accepted Map Information Section as a partner in the procurement of maps in all parts of the world under their control, thus recognizing two of the Sections of the Division in the ETO. Inasmuch as Survey Directorate is the supreme map authority for their portion of the world, the Map Division finds itself in a strong position for future work in the British zone of operations. A similar agreement should be worked out in Washington with the Army Map Service. The Map Division anticipates that it will get a much wider coverage of acquired material through cooperating with GSGS than it could ever hope to obtain with its own limited resources, and the difficulty of obtaining permission to go to the Continent. (See Appendix xxxxx).

ISTD: Formal agreements have been made between the Map Division and the Far East Section of ISTD leading to a complete exchange of maps between these two agencies dealing with the Orient. (See Figure 3). There is no possibility of doing cartographic work for ISTD. This was discovered at the time the Map Division made its cartographic agreement with GSGS for ISTD like all other British agencies is completely tied by the Survey Directorate and cannot undertake a map without submitting it to GSGS for its acceptance or rejection. It is hoped that the relationship with the Survey Directorate will lead to mapping work for ISTD. As the Chief of the Map Division indicated to General Donovan, and to Dr. Langer and Mr. Robinson in February, ISTD has now abandoned its Continental European work except for procurement in favor of concentration on the Far East. There are no maps in process in the European Section of ISTD.

FORD: With the cooperation of the State Department a formal request from this British agency has been received and there is a complete exchange of maps between FORD and the Map Division. It is of interest to note that the State Department rode on the coattails of the Division by insisting that copies of FORD publications and Map Division publications be delivered to the State Department for their retention. (See Figures 11, 12, 13; 14 & 15)

SECRET

- 26 -

PID: The Division has serviced PID both in map information and cartography. In map information there has been a continuous series of requests of little volume. In cartography the maps which we prepared from the Netherlands Government's figures were delivered in large quantity--several thousand copies--to PID for distribution to agencies holding the Netherlands Basic and Zone Handbooks. In addition the Division produced the maps for the Luxembourg Handbooks and made overprints showing the political character of Burgomasters for the Belgian Handbooks. A complete exchange of maps has been formally agreed upon. (See Figure 30)

MEW: There is an exchange of map information material between MEW and the Map Division. This agreement has been formalized. There is no central cartographic section in MEW, but there is a centralized map procurement under Dr. Hassall, and a formal exchange of map information material has been worked out. (See Figure 31).

INTER-SERVICE RESEARCH BUREAU: This agency has been a constant user of Map Information both for maps prepared by the Division and for ones procured from out of the way places.

NID-4: Has used map information resources on several occasions.

MINISTRY OF TOWN AND COUNTRY PLANNING: An average of about 35 or 40 maps has been requested per month within recent months. Most of these are economic and political maps probably for use in work with UNRRA.

AIR MINISTRY: Has made repeated requests for a small volume of maps from Map Information. It, like other British agencies, is greatly interested in maps of the Far East. There are practically no up-to-date Far Eastern charts in this Theater, and the British find themselves in a position similar to that of COI during 1942 in that there is no central agency or ministry that has planned for Far Eastern operations--they have been too busy with events closer at home.

SECRET

- 27 -

CCMS: Has on some occasions requested Map Information to assist them in the procurement of maps--usually of a communications or city plan type.

MINISTRY OF HOME SECURITY: Has cooperated with the Map Division in the establishment of a Model Shop in the following ways:

- (1) It made models to our specifications for a period of two weeks.
- (2) It turned over the Model Shop to us at no cost on the first of September.
- (3) It loaned the Map Division one member of its staff to act as a manager of our Model Shop.
- (4) It made available for our procurement ten modelers from its staff--salaries paid by OSS.

ROYAL GEOGRAPHICAL SOCIETY: Has rendered service to the Map Information Section in much the same way that the Library of Congress did in Washington. It has cooperated in every way, and through the assistance of Mr. Arthur W. Hinks and Dr. John K. Wright of the American Geographical Society, Map Information has formalized an agreement to microfilm the entire collection of maps and atlases held by the Society. Space will be made available, power supplied, and freedom of the collection assured. In exchange for this the Map Division has agreed, with the permission of Dr. J. K. Wright, to supply the Royal Geographical Society with a copy of the microfilm made of the American Geographical Society in New York in exchange for a copy of the microfilm which the Map Information Section proposes to make at the Royal Geographical Society if and when a microfilm camera is available for the Division in London. (See Figures 32)

#### FOREIGN GOVERNMENTS IN EXILE

BELGIAN GOVERNMENT-IN-EXILE: Through the cooperation of the Belgian Government-in-Exile, and with their knowledge, a series of approximately 24 maps, one for each arrondissement, has been prepared to specifications of Civil Affairs requirements; in addition gazetteers showing the distribution of all minerals and industrial developments in each arrondissement

SECRET

- 28 -

have been prepared, reproduced, and distributed. In appreciation for this work, which actually was a service to G-5, the Prime Minister of Belgium is writing to General Donovan expressing the appreciation of the Belgian Government for the assistance rendered to them by the Map Division.

**FREE FRENCH:** Apparently the lack of recognition of DeGaulle by the United States made relationships with the Free French extremely difficult. Map Information serviced them on numerous occasions but the Section was unable to gain their cooperation to the extent that we gained the good will of other Governments-in-Exile.

**LUXEMBOURG GOVERNMENT-IN EXILE:** The maps published by PID prepared by the Map Division, OSS, were constructed through the cooperation of the Luxembourg Government-in-Exile. The series of five maps was based entirely upon material obtained from Luxembourg. A very close working relationship was established between Cartography and representatives of this government for the duration of the assignment. It was of small volume and has not been continued.

**POLISH GOVERNMENT-IN-EXILE:** Relations with the Polish Government-in-Exile have been limited to map information. The principal representative of the Government was Professor B. Zeborski who has made available several hundred maps dealing with Polish, Czechoslovakian, German, and Russian territory. Some of these were obtained in duplicate, and copies have been forwarded to Washington. The Map Division has been afraid to develop this contact to the same extent that it has the Belgian and Netherlands Governments because of the unfamiliarity on the part of the Division as to the status of the Polish Government in relation to the United States. It has at all time been most cooperative, and has given favorable criticism regarding maps produced in Washington dealing with Poland.

**OTHER GOVERNMENTS-IN-EXILE:** The Division has not as yet made any attempt to establish working relations with the Norwegian Government nor with the Greek Government because of being pressed with more important work. These two sources of information will be tapped within the near future.

SECRET

-29-

NETHERLANDS GOVERNMENT-IN-EXILE: During the past seven months the relationship of the Map Division with the Netherlands Government-in-Exile has been very good. The Netherlands Government, through its representatives, has requested the Map Division to prepare many maps using their research data as a base. The subjects varied from political sub-divisions of the Netherlands to bridge crossings, floodability, and communications. None of this material was available to Civil Affairs or any other United Nations agency. Maps were constructed in part to the specifications of Civil Affairs but largely for our purposes. All of these have proved valuable. PID took 2,500 copies of one, while G-2, SHAEF, took 1,500 copies of another. The work accomplished for the Netherlands Government has been acknowledged by Major General Kruls, Chief of Staff, Netherlands Government, and by the Queen of the Netherlands, Wilhelmina. (See Figures 18 and 19)

SECRET

Section VI

Section VI



- 30 -

SECTION VIFIELD OPERATIONS - CONTINENTAL

The Map Division, London, has from the start wished to cooperate with R&A on all field operations, and within the limits of personnel and the space available in various Outposts, it will continue its close relationship in the future.

The first Continental operation consisted of the Chief of the Division's assignment to St. Pair from 11 August to 17 August during which time he visited the Twelfth Army Group Headquarters and engaged in map collection. It was apparent that the type of cartographic work that could have been done for the Twelfth Army Group was of considerable importance locally but of no significance so far as the Map Division was concerned. It consisted of keeping overlays up to date, and would have resulted in some goodwill for the Office of Strategic Services as a whole but would have reflected nothing on R&A. SI and SO were both doing overlay work, and had the situation well in hand. The Chief of the Division obtained 433 maps, copies of which are on file in London.

More recently the Map Division suggested in conference with Commander Spencer, Chief of the Field Photographic Branch, that a motion picture of the Coastline of Europe be considered. One experimental flight to determine the specifications necessary for the work was engaged in by Mr. Robert M. Coffin and the Chief of the Division. As a result of this, specifications submitted by Commander Spencer in Washington were written up, and Mr. Robert Coffin was TAD with the Field Photographic Unit in France for a period of thirteen days during which time a plane was not available and his work was limited to ground photography. Both Mr. Coffin and the Chief of the Division were of the opinion that the ground photography would be of little lasting value because of the changing cultural scale. However, the Coastline motion picture appears to be of lasting value, and the Division has requested Lt. (jg) James A. Barnes, Mr. Robert West, and

SECRET

- 31 -

Lt. Richard Greene to engage in this operation. It is hoped that through the use of these people, we will be able to get additional personnel onto the Continent, and in their spare time, they will be available for map procurement.

In addition to the above-mentioned project Ensign Conrad J. Thoren, Mr. Oswald Schmidt, and Private Robert B. Hall have been assigned to Paris and are working out of Paris. Communication being difficult, the Division Office in London is not aware of their whereabouts at the present time. The Division has received three reports from the above-mentioned team indicating the procurement of a large volume of maps not previously obtainable. All possible duplicates are being procured for Washington.

In addition to the Division's procurement of maps, the Research and Analysis Branch as a whole has become conscious of the value of map procurement to such an extent that every Division represented in the ETO has attempted to send maps back to Washington. Through the cooperation of the R&A Branch, and particularly Mr. Allan Evans, Special Order No. 76 has been enforced, and the Division is assured of the correct forwarding of all maps arriving at R&A London.

SECRET

Section VII

- 32 -

SECTION VIIOUTPOSTS

RELATIONSHIP TO MEDTO: The Map Division, London, requested the assignment of four of the Map Division's personnel at MEDTO for operation at Paris for servicing SIRA and others. This seemed particularly wise because of the close SI-RA relationship in MEDTO. However, the closing down of Paris limited R&A staff to 35 persons and made an even more drastic cut in the SI program. This froze the Map Division personnel at a total of three. There is at present no possibility of bringing the MEDTO staff into Paris nor is it desirable from a working point of view. However, as previously stated, it is hoped to procure three members for assignment to the Field Photographic project.

RELATIONSHIP TO PARIS: The Paris operation of the Map Division is limited to procurement. We have systematically refused to supply maps to Paris which could be obtained from local GSGS Base Stores. However, the representatives there have been instructed to assist OSS in any way possible relating to the procurement of unusual maps or the processing of materials or maps. It is apparent that to an even greater extent than London, R&A, Paris, will not be engaged in work other than current political reporting, a subject which does not lend itself to map production.

BERLIN: The acceptance of R&A by the ACC indicates that a considerable amount of cartography and map information work will be required. The Division has earmarked fourteen members of its personnel for this work, and will engage in both cartography and map information as the opportunity develops.

VIENNA: More recently the Division has been asked for personnel to be assigned to Vienna, and it has stated that it would make available one cartographer and one map information man for this post. It is suggested that this personnel be recruited in part from London and in part from MEDTO.

SECRET

Section VIII

- 33 -

SECTION VIIICONCLUSIONTHE RECORD

Personnel: During the past nine months the Map Division has grown from a staff of three to a staff of sixty of which fifteen were assigned from Washington and forty-five were procured in the Theater. (See Figure 32, Appendix II, and Photographs.)

Space: With the cooperation of R&A London adequate space was procured at 51 Grosvenor Street. (See Figures 35, 36, and 37) This has recently been expanded to include most of the top floor, and is adequate for the Map Division's needs for at least six months. The space was not occupied from the beginning of the blitz until the first of May 1944, and extensive alterations and improvements were made. Fluorescent lighting was installed throughout Map Information and Cartography, partitions were changed, floor covering was installed, walls were painted, etc.

Equipment: The attached lists of material on hand in the Map Division indicate the present status of its procurement both from Washington and in the Theater. There are at present still several things lacking in the shipments from Washington. Paramount among these are airbrushes, filing cabinets, microfilm camera and film, microfilm storage cabinets, and microfilm of collections in the U.S. (See Appendices III and IV).

Work Accomplished: The above list of equipment, space, and personnel together with agreements and commendations attached indicate the work completed by the Administrative Unit of the Map Division, London.

In addition to this work, the Cartography Section has completed 279 maps upon request, and the Map Information Section has filled 1505 requests totaling 35,183 maps, 103,756 copies. The Model Section has completed 7 models for SO Branch operations, one model for COMNAVU, and has

SECRET

- 34 -

on request and under construction one model for COMNAVEU, ONI, one model for Tactical Air Force Airborne Division, and 8 for the R&A Branch.

The Division is well established in London, and is capable of carrying on any work which may be required in the future.

As to the future, the Cartography Section at present has a backlog of approximately 45 requests, the Map Information Section has a backlog of several thousand maps for cataloging, and has shown no marked decrease in requests. (See Figures 21, 22, and 23.) Working relations within OSS and between the Map Division and other War agencies are excellent.

SECRET

Appendix I



- 1 -

APPENDIX 1PERSONALITIESU.S. ARMYCORPS OF ENGINEERS:

Colonel Milwitt: reminiscent of Colonels Poole and Loper expresses hearty desire to cooperate to the fullest extent.

LIGHT AIR FORCE: 942 ENGINEERING AVIATION TOPOGRAPHIC BATTALION

Lt. D. T. George: Officer in charge of Reproduction; well informed in his field and with an excellent staff of highly trained enlisted men. They have been most cooperative in every way, and he together with his two assistants, 1st Lt. Franke and 2nd Lt. B. Price, have been responsible for printing the majority of the offset maps. During the time when Reproduction, Services branch, was unable to print, all maps were done by this agency. Never in the history of the Map Division, OSS, has it ever received such hearty and complete cooperation. They have received nothing from the Division other than a few stickup samples and some ink, but they have given our work the highest priority at all times.

TWENTY-FIRST ARMY GROUP:

Major C. H. Smith: Formal agreement has been made with Major Smith for the exchange of all maps between the Map Division and the 21st Army Group.

Major W. B. Draper: Transportation Section. In charge of transportation maps prepared by the 21st Army Group. An agreement has been made to exchange all transportation maps with him.

SECRET

- 2 -

U.S. NAVYONI:

Commander Allan B. Cook, USN, Retired: Chief of Plans Section, has been most cooperative and has run interference for the Map Division with the British Admiralty and with the Navy. Through his cooperation we have gained entrée to the Chief of Naval Operations.

SHAEF

Lt. Colonel J. S. Sheppard: Chief of Map Subsection. A pleasant British officer who is anxious to cooperate with OSS as long as we understand that SHAEF is the supreme authority on all matters. Primarily interested in overlay information and the specifications for delivery and bundling and scale of maps to be supplied to troops. No planning maps are prepared. He is assisted by the following:

Major H. J. Kelley, Assistant Chief, Map Subsection.  
Captain C. E. Barte's.

BRITISH AGENCIESBRITISH ADMIRALTY:

Admiral Edgell: Royal Hydrographer. Because the Chief of the Division was introduced by letter from Admiral Byran and in person by Commander Cook, Admiral Edgell was most cooperative. The Chief of the Division is sure that we could have had excellent relations with the British Admiralty if it had been necessary, but service on hydrographic charts and the data from this source has been supplied through Commander Cook's office and the Division had no reason to obtain further entrée.

GENERAL STAFF, GEOGRAPHICAL SECTION

Brigadier Hotine, EASTCOTE: Through his cooperation and with no hesitation the Map Division was accepted

SECRET

- 3 -

Brigadier Hotine (Continued) as an independent mapping agency, and with his authority we were able to procure maps from GSGS with a minimum of difficulty. He is a RE officer but does not have any of the characteristics an old-line military official. He is interested in getting the job done.

Major Bickmore, EASTCOTE: In charge of compilation and specifications at EASTCOTE is a most cooperative individual who together with the Chief of the Map Division drew up the agreements in existence between GSGS and the Map Division, Cartography and Map Information Sections.

Colonel Willis, EASTCOTE: Deputy Director, Directorate of Military Survey is a most cooperative individual who was slightly disconcerted to discover that he was dealing with a Lt. (jg) on matters of policy. He repeatedly insisted that he deal only with Commander Armour who obviously was not qualified from a professional point of view to speak for the Map Division. After Commander Armour had broken the ice, Colonel Willis was most cooperative.

Lt. Parsons, EASTCOTE: Library Unit. A very pleasant person who is most cooperative and will cut all corners in order to be of assistance to us. In many instances he has gone over the instructions from his Chief in order to make maps available to the Map Division.

Colonel Wiggins, EASTCOTE: Deputy Director, Directorate of Military Survey. Very amiable individual on the military side not as cooperative as Brigadier Hotine his supervisor nor Colonel Willis his equal.

Mr. Calderwood, HYGRADE: Chief of the Production Unit. It is regrettable that the U.S. Army Corps of Engineers does not have a person of this calibre as Chief. This individual corresponds Colonel Johnson, Chief of Army Map Service, Map Division.

SECRET

- 4 -

Captain Winbush: The downtown representative of CGSGS; very cooperative and willing to assist us in any way possible.

MEW:

Dr. W. O. Hassall: Map Collection. Individual seems to be in somewhat of a haze regarding maps. He is interested in any picture or any map of anywhere regardless of date or duplication. He is most cooperative.

Mr. Abrahams: In charge of maps in Far East Department. An agreement has been made with him to copy any original map material which the Map Division may require and to exchange all OSS and MEW Far East maps.

Mr. Skene-Smith: Editor of Weekly Intelligence Survey and expert on Japan. He supplied the Map Division with Japanese Gazetteer obtained in NEW.

Mrs. M. A. Cotton: Curator of Far East material, Far East Department, MEW.

#### PERMANENT COMMITTEE ON GEOGRAPHIC NAMES

Mr. Marcel Arrouseau: Secretary; most cooperative in all respects--doing a very large job with a staff of three secretaries.

#### POLITICAL INTELLIGENCE DEPARTMENT

Captain Bickford-Smith: Generally well-informed individual, who poses as a cartographer and does very bad work. He is responsible for inaccurate maps of political boundaries prepared by PID.

Mr. Pitt: Contact between the Map Division and PID was maintained through this individual who is responsible for but does not produce materials originating in PID. Very pleasant individual who is cooperative when the whole picture is presented to him.

SECRET

- 5 -

ROYAL GEOGRAPHICAL SOCIETY:

Mr. Arthur Hinks: A very cooperative, pleasant individual who apparently was one of the characters Charles Dickens had in mind when he wrote Nicolas Nickleby. Mr. Hinks has been most informative and cooperative in helping the Map Division become oriented in London.

WAR OFFICE, GENERAL HEADQUARTERS, HOME FORCES:

Captain H. F. Truss: In charge of Home Forces maps. These are distributed by the Twenty-First Army Group (Rear).

OTHER FOREIGN GOVERNMENTSBELGIAN GOVERNMENT-IN-EXILE:

Colonel Berbison: Supplied the information for the production of 35 arrondissement maps and 60 industry lists covering arrondissements of Belgium.

Captain Grand-Ry: The officer under Colonel Berbison with whom the maps were processed. Captain Grand-Ry through his Colonel is having the Prime Minister of Belgium write an acknowledgment to General Donovan for the work of the Map Division.

LUXEMBOURG GOVERNMENT-IN-EXILE:

Lt. Meyers: Supplied all data for the five Luxembourg maps published in the PID Handbooks.

NETHERLANDS GOVERNMENT-IN-EXILE:

Colonel Beckman: Public Works Unit. The most cooperative military personage who is responsible for the preparation of the letter received from Major General Kruls and for the delivery of a letter from Queen Wilhemina both of whom express their appreciation for the work of the Map Division to General Donovan.

SECRET

- 6 -

NETHERLANDS GOVERNMENT-IN-EXILE (CONTINUED)

Sgt. J. Kalis: Representative of Colonel Beckman, extremely cooperative and efficient; supplied the Map Division with the raw data for the Netherlands maps prepared and in addition made available a list of targets in the Netherlands. He is attempting to get us entrée to the Netherlands Navy for the procurement of maps on the Far East.

POLISH GOVERNMENT-IN-EXILE

Professor B. Zaboriski: Chief, Geographical Section, Polish Ministry of Information.

ERRATA - BRITISH ADMIRALTY

Captain Richard Pim:- Secretary to Admiralty Board; personal representative of Prime Minister Churchill; Secretary to Government of North Ireland; a most cooperative and appreciative British officer who has accompanied the Prime Minister to all of the conferences. He has been our contact with the head of the British Government and has been most cooperative in all ways.

SECRET

Appendix II

APPENDIX II  
PERSONNEL STATUS

**SECRET**



Appendix III

## APPENDIX III

The following presentation of the status of supplies forwarded from Washington is a not too pleasant representation of the most exasperating and difficult problem facing the Map Division in ETO. The lack of easy and fast communication between London and Washington has complicated the already difficult problem of procuring supplies and equipment for outpost use. Briefly, in order to obtain any equipment in ETO a requisition must go through the following channels:

- a. Submit to Services R&A Branch
- b. Transmit from R&A Branch to Services Branch, OSS
- c. Transmit from Services Branch, OSS to Quartermaster Corps, U.S. Army
- d. From Quartermaster Corps, U.S. Army to Army Priority
- e. From Army Priority to British Ministry of War or Labor, depending upon the item involved.

The result of this screening is that it is as difficult and takes almost as much time to obtain material available in London as the procurement of equipment from Washington requires. The situation was further complicated by the fact that R. Branch, Washington like OSS, Washington completely failed to tell OSS, London that a Map Division was being established or that any large scale R&A expansion was contemplated. The result was that Services Branch found itself completely unaware of the problem of procuring our supplies from the British. In dealing with such complicated and technical equipment as is essential for the production of maps and map information, Services had neither the budget nor the experience necessary for our needs.

Through the cooperation of Major Lockwood an agreement was made whereby all equipment requisitioned by the Map Division would be forwarded through Services Office in London to Services Branch, Washington where in turn it would be dealt with by the Outpost Desk of the Map Division. Immediately this was a stop-gap arrangement which worked with a certain amount of satisfaction. Later with the transfer of Major Lockwood and his replacement by Captain McCoy a similar arrangement was worked out, however, the list of materials ordered from Washington indicate the tremendous handicap which the Map Division, London worked under. This was caused, in the opinion of the Chief of the Map Division, London by two factors: (1) the failure of R&A Branch to inform OSS, London of its plans and (2) the unnecessarily complicated supplies system which meant that everything from paper clips to map cabinets was available in insufficient quantity. It is recommended that in the establishment of any outpost the initial servicing of that outpost should be taken care of by Services, Washington and the Division concerned.

**APPENDIX III**

**PRESENT STATUS SUPPLIES FROM WASHINGTON**

**PRESENT STATUS SUPPLIES FROM WASHINGTON.** 1st October, 1944

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Acetate, medium weight	3 rolls	1st March	20 sheets 6 rolls	8th March 29th June
Acetate, light weight	4 rolls	11th April	1 roll	8th March
Acetone (Acetate thinner)	4 rolls 1 gal. 1 gal.	10th June 1st March 10th June.	1 roll	28th April
Air Brush, ordinary with accessories	1 each	1st March		
Air Brush, oscillating	1 each	1st March		
Alcohol, pure grain	2 qts. 2 qts. 48 4 oz. bottles	1st March 10th June 19th July	4 - 4 Oz. bottles	8th March
Bestine Thinner	25 cans	19th July		
Binders (AMS Index)	4 each 4 "	11th April 10th June		
Binders, hard back, cloth covered 20" x 30"	3 each 3 "	11th April 10th June	4 each	1st Sept.
Blotters, ordinary	6 doz. 8 pkgs.	10th June 19th July	6 doz.	28th July
Boards, clip, legal size	6 each 6 "	11th April 10th June	6 each	28th July
Books, (OSS style)	6 sets 12 " 10 "	11th April 10th June 19th July	1 set	8th March
Books, Slide Rule	2 each	1st March		

-2-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Books, Deitz & Adam "Cartography"	1 each	1st March	1 each	28th June
Books, Raisz, "Cartography"	1 "	1st March		
Books, Dutton's "Navigation"	1 "	1st March	1 each	28th June
Books, Deitz & Adams - "Elements of Map Projection"	1 "	1st March	1 "	28th June
Books, USA Technical Manuals on Maps.	1 "	1st March	1 "	8th March
Books, World Almanac	1 "	1st March	1 "	28th April 15th July
Book Ends	1 set 3 sets 3 sets	1st March 11th April 10th June		
Boxes, Correspondence	4 each 12 "	1st March 11th April	4 each	25th April
Boxes & Empty Reels for Microfilming	500 each 500 "	11th April 10th June		
Brushes, 1/4" Bristle	2 "	1st March		
Brushes, Fine No.1206	15 "	19th July		
Brushes, Red Sables sizes #00 - #4	36 asst. 6 ea #0 - #4 18 ea	1st March 11th April 10th June	13 asst. 24 asst. 30 asst.	with Schmidt 8th March 28th July
Brushes, Red Sable #10	6 each	11th April	1 each	8th March
Brushes, Red Sable #12	6 each	11th April	1 each	8th March
Brushes, Desk	18 each	10th June		

SECRET

-3-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Brushes, Desk	1 set 6 each	1st March 10th June		
Bulbs, Recordak Reader	12 " 18 "	11th April 10th June	6 each 6 " 24 "	with Mail 28th July 20th July
Burnishers, agate or bone	9 each 9 " 18 " 14 "	1st March 11th April 10th June 19th July	3 each	8th March
Calendars, Desk	3 " 5 " 12 "	1st March 11th April 10th June	5 each	28th July
Calendars, Wall	3 " 5 " 5 "	1st March 11th April 10th June	6 each	28th July
Carbon Paper	3 boxes 3 pkgs. 6 pkgs. 10 boxes	1st March 11th April 10th June 19th July	1 box 2 boxes 3 boxes	8th March 24th June 28th July
Cards, 3" x 5" assorted colors	2000 ea color 1000 ea white & 3 colors	11th April 10th June	4 boxes	28th July
Cards, 5" x 8" assorted colors	1000 ea col. & 1000 white	10th June	4 boxes	28th July
Cases, Map - 10 top - 10 base	6 each 20 "	1st March 11th April	22 each	July & August
Cellulose Wadding	6 rolls	1st March		
Cement, duco acetate	12 each 24 "	1st March 10th June	10 tubes 6 "	8th March with Schmidt

SECRET

-4-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Cement, Whiz rubber, pint size	6 pt 12 pt 48 cans	1st March 10th June 19th July	5 tubes 4 pt 12 jars 1 pt 1 jar	8th March 28th April with Schmidt 28th July
Chairs, Desk	3 each 4 each	1st March 11th April		
Chairs, ordinary	3 each 12 "	1st March 11th April		
Chairs, Stenographers	5 "	11th April		
Chest, Drafting - Regt.A complete	4 "	10th June	2 each	2nd May,
China White (4oz. bottles)	6 bottles 12 "	1st March 10th June	2 jars	8th March
Cleaner, Type	1 " 3 " 6 "	1st March 11th April 10th June	2 bottles	28th July
Clips, Paper	5000 each 1000 " 3000 "	1st March 11th April 10th June	4 boxes 2 " 10,000 24 bags	with Foster with Schmidt 28th April 24th June
Compass (beam and 60" extension)	1 each	1st March	1 each	8th March
Computer (Map Distance)	1 "	1st March	2 "	2nd May
Cord (twine light & Heavy)	12 rolls 48 balls	1st March 10th June		
Craftsman Thinner	7 qt.	10th June	1 bottle	28th April
Cups & Sponges	4 sets 4 "	1st March 11th April	12 cups & 5 sponges	28th July

SECRET

-5-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Curves, French - sets	2 sets 2 " 2 "	1st March 11th April 10th June	7 only	8th March
Curves, Railroad	1 "	1st March	1 set	29th June
Desks, Typists	3 each 4 "	1st March 11th April		
Desk Pads	4 " 10 "	1st March 10th June		
Dishes, Pin	12 " 12 " 12 "	1st March 11th April 10th June		
Dispenser, Gummed Tape	1 " 1 "	11th April 10th June		
Dispenser, Scotch Tape	10 small 1 large 6 small 1 large	1st March 11th April 10th June	17 small 16 small	29th June 28th April
Dividers, large	4 each 6 "	1st March 10th June		
Dividers, proportional	2 "	1st March	1 each 2 "	8th March 28th April
Dividers, small	4 " 6 "	1st March 10th June		
Dividers, press board - quarto	3 doz.	10th June		
Dividers, press board - legal	3 doz.	10th June		
Dets, gummed vari-colored	30 boxes 30 "	11th April 10th June		
Drafting Boards, 28" x 36"	6 each 4 "	1st March 11th April		

11000



-6-

Item	Quant.	Date Ordered	Quant.	Date Received
Drafting Boards 54" x 32"			3 each	8th March
Drafting Sets, complete instrument	9 each	1st March	3 "	8th March
	9 "	11th April	6 "	28th April
	9 "	10th June	1 "	2nd May
	8 "	19th July	1 "	with Schmidt
			9 "	28th July
Ducks, for splines	9 "	10th June		
Duraseal Symbols	36 sheets each	10th June	Supply	8th March
	92 doz. sheets	19th July	25 copies ea block asst.	10th August
			15 doz. sheets	18th July
			Supply	with McCarthy
Dust Cloths	6 each	1st March		
Envelopes, Army Regulation	2000 "	10th June		
	16 pkts.	19th July		
Envelopes (5½" x 3½")	1000 each	10th June		
Envelopes (10" x 14")	800 "	1st March	300	28th July
Envelopes (Sp. negative filing)	1000 "	11th April		
	1000 "	10th June		
Envelopes, white	600 framed	1st March	40	30th May
Erasers, pencil	3 gross	19th July		
Erasers, art gum	18 each	1st March	18 each	8th March
	18 "	11th April	1 "	28th April
	36 "	10th June	36 "	28th April
			3 "	with Schmidt
Erasers, Pencil Stick	3 doz.	1st March	1 doz.	8th March
	3 doz.	11th April	1 doz.	with Schmidt
	6 doz.	10th June	6 doz.	28th August

SECRET

-7-

Item	Quant.	Date Ordered	Quant.	Date Received
Erasers, Typing	6 each 24 " 24 "	1st March 11th April 10th June	6 each 24 "	8th March 28th July
Fasteners, ACCO	6 boxes 6 boxes	1st March 10th June	100 sets	29th June
Files, 3" x 5" - 1 drawer	2 each 15 " 6 " 6 "	1st March 11th April 10th June 10th June	1 each	with Foster
Files, legal bellows	4 doz. 4 "	11th April 10th June	2 "	29th June
Files, legal 2 drawer	3 each	11th April		
Files, legal size safe	2 " 10 "	1st March 11th April		
Files, microfilm visible catalog	3 " 3 "	11th April 10th June		
Files, 4" x 6" single drawer	2 "	1st March		
Files, Kardex visible 4" x 6" 14 drawer	9 cases	10th June		
Files, visible 5" x 8"	5 " 3 "	1st March 10th June	5 cases	28th April
Files, 5" x 8" - 1 drawer	8 each 6 "	1st March 10th June	2 each 2 "	29th June 29th June
Folders, Manilla - legal size	200 " 2000 "	1st March 11th April	100 " 2000 "	8th March 28th July
Folders, Manilla - quarto size	500 " 1000 " 1000 "	1st March 11th April 10th June	50 " 1000 "	8th March 28th July

SECRET

-9-

Item	Quant.	Date Ordered	Quant.	Date Received
Ink, colored waterproof - Blue	12 bottles	1st March	7 bottles	8th March
	12 "	11th April	1 "	with Schmidt
	12 "	10th June	12 "	28th July
Ink, colored waterproof - Green	6 "	1st March	6 "	8th March
	12 "	11th April	1 "	with Schmidt
	12 "	10th June	12 "	28th July
Ink, colored waterproof - Orange			4 "	8th March
			1 "	with Schmidt
Ink, colored waterproof - Red	6 "	1st March	6 "	8th March
	12 "	11th April	1 "	with Schmidt
	12 qts.	19th July	6 "	28th July
Ink, colored waterproof - Violet	6 bottles	1st March	4 "	8th March
	12 "	11th April	3 "	28th July
	12 "	10th June		
Ink, colored waterproof - Yellow			3 "	8th March
			1 "	with Schmidt
Ink, Craftint - Brown			1 "	8th March
Ink, Craftint - Black	3 bottles	1st March	1 "	8th March
	6 "	10th June	6 "	28th April
Ink, Craftint - Blue	2 "	1st March	1 "	8th March
	6 "	10th June	4 "	28th April
Ink, Craftint - Green	2 "	1st March	1 "	8th March
	6 "	10th June	3 "	28th April
Ink, Craftint - Orange	6 "	10th June	1 "	8th March
Ink, Craftint - Red	2 "	1st March	1 "	8th March
	6 "	10th June	3 "	28th April
Ink, Craftint - Violet	6 "	10th June		
Ink, Craftint - White	9 qts.	19th July		

SECRET

-8-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Folder Tabs, 3 assorted colors	3 boxes 6 "	1st March 10th June	6 boxes	28th April
Forms, Cartography visible	1000 each	11th April		
Forms, Drafting visible	1000 "	11th April		
Forms, Reliability Code Descriptions	100 "	10th June		
Forms, visible - Equipment	2000 " 2000 "	11th April 10th June		
Forms, visible - Loan	5000 "	11th April		
Forms, visible - Map Catalog	20,000 "	11th April		
Forms, visible - Microfilm	5000 "	11th April		
Forms, visible - OSS Map Catalog	5000 " 15,000 "	11th April 10th June		
Frisket, tracelene	2 rolls	1st March	4 rolls	28th April
Glasses - Reading - 4" rectangular glass with base.	2 each	1st March		
Glue, Hide - 1a Page	2 pts.	1st March		
Guides, 3" x 5" Alphabetical	2 sets	1st March	1 set	with Foster
Plain	6 sets 300 each	10th June 19th July	6 sets	29th June
Guides, 5" x 8", Alphabetical			6 sets	29th June
Hammers	1 each	1st March		
Ink, Blue & Blue Black	1 qt. 1 qt. ea 1 qt. ea	1st March 11th April 10th June	3 bottles 2 " mag. 2 large & 2 small	24th June 24th June 28th July

SECRET

-10-

Item	Quant.	Date Ordered	Quant.	Date Received
Ink, Craftint - Yellow	6 bottles	10th June	1 bottle	with Schmidt
Ink, India Black	4 pts.	1st March	4 "	8th March
	12 "	10th June	1 "	with Schmidt
	16 qts.	19th July	3 "	22nd Sept.
Ink, no rinkle	6 bottles	1st March	12 "	28th April
	24 "	10th June		
Ink Dispensers, drafting type	12 each	1st March	1 each	with Schmidt
	12 "	11th April	8 "	29th June
	12 "	10th June		
Ink Dispensers, Ordinary	4 "	1st March		
	12 "	11th April		
	12 "	10th June		
Ink Eradicator	2 sets	1st March	2 sets	24th June
	6 "	11th April	6 "	28th July
	6 "	10th June		
Jars, 4-6 oz. open mouth, screw lids	12 each	1st March		
Jars - Rubber Cement Container	3 "	11th April	1 each	8th March
	1 "	10th June		
Knives, General Drafting	12 "	1st March	8 "	with Schmidt
	12 "	11th April	6 "	28th July
	12 "	10th June		
	6 "	19th July		
Knives, Xacto	2 sets	1st March	2 sets	8th March
	3 "	11th April	1 "	with Schmidt
	6 "	10th June		
	12 "	19th July		
Kodabrace	10 rolls	19th July		
	5 "	Cable		
Laquer & Thinner - Blk. & White	1 pt. ea	1st March		

SECRET

-11-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Labels, gummed various sizes	30 boxes 2000 each 30 boxes 1500 each	11th April 10th June 19th July	30 boxes	28th July
Labels, Microfilm Box	5000 each 5000 "	11th April 10th June	4000 each	30th Aug.
Lenses, Flasho	3 "	19th July		
Lights, Fluorescent, float type and spare tubes	12 " 8 "	1st March 11th April	2 each 3 " 14 " 8 "	8th March 28th April 28th July 4th Aug.
List Finders	3 " 6 " 6 "	1st March 11th April 10th June	2 " 2 " 3 "	8th March 28th April 28th July (refills)
Moisteners, Label	2 " 2 "	11th April 10th June		
Notebooks (Looseleaf, large 3-hole)	12 "	1st March	11 "	29th June
Notebooks, Stenographic	6 doz.	10th June		
Numbering Machines	2 each	10th June		
Oil, Typewriter	1 can 3 "	1st March 10th June		
Openers, Letter package	4 each 6 " 6 "	1st March 11th April 10th June	6 each	28th July
Padlocks	2 doz.	24th June	15 "	28th Aug.
Pads, Pencil Sanding	2 doz. 3 " 6 "	11th April 10th June 19th July	3 each 3 doz.	8th March 28th July

SECRET

-12-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Pads, Scratch	3 doz. 4 " 6 " 6 "	1st March 11th April 10th June 19th July	6 doz.	28th July
Paint, Paasche opaque - Black	1 pt.	1st March	1 bottle	29th June
Paint, Paasche opaque - Green	1 pt.	1st March	1 "	29th June
Paint, Paasche opaque - Red	1 pt.	1st March	2 "	29th June
Paint, Paasche opaque - White	1 pt.	1st March	1 pt.	5th July
Paint, Paasche opaque - Yellow	1 pt.	1st March	1 pt.	5th July
Paint, Paasche opaque - Earth Red	1/2 pt.	1st March		
Paint, Paasche opaque - Earth Yel.	1/2 pt.	1st March	1/2 pt.	29th June
Paper, Bond Typing - White	500 shts 500 " 2000 " 10 pkts.	1st March 11th April 10th June 19th July	1 pkt.	28th July
Paper, Gungstock, 19" x 24"	100 shts.	1st March		
Paper, Graph large size 1/10" div.	500 " 200 "	11th April 10th June	3 rolls 50 shts.	2nd May 18th Sept.
Paper, Linen highest quality about 80 lb. large sheets	250 shts.	1st March		
Paper, Illustration Board 28"x32"	100 " 100 " 100 "	1st March 11th April 10th June		
Paper, Notebook - 3 ring, ruled	500 " 500 " 1000 "	1st March 11th April 10th June	2000 shts.	28th July

-13-

Item	Quant.	Date Ordered	Quant.	Date Received
Paper, Onion Skin, white	1000 shts. 3000 "	1st March 10th June	1 pkt.	28th July
Paper, Ross or Scratch Board 20" x 26"	12 " 25 " 50 "	1st March 11th April 10th June	25 shts.	18th Sept.
Paper, Strathmore 3 ply	100 " 100 " 200 "	1st March 11th April 10th June	15 "	8th March
Paper, Tracing lightweight	4 rolls 9 " 18 "	1st March 11th April 10th June	6 rolls 2 "	28th April 22nd Sept.
Paper, Tracing medium weight	9 " 9 " 24 " 6 "	1st March 11th April 10th June 19th July	2 " 5 " 10 "	8th March 28th April 28th June
Paper Cutters, large - type used in Photography	1 each 1 " 1 "	1st March 11th April 10th June	1 each 1 "	20th July 28th July
Paper Perforator	1 " 1 " 2 "	1st March 11th April 10th June	1 "	28th April
Paper, Memo	1000 shts. 1000 "	1st March 10th June		
Paper Weights	12 each 18 " 18 "	1st March 11th April 10th June	18 each	28th July
Paper (Wrapping)	3 rolls 10 " 5000 shts. 8 rolls	1st March 11th April 10th June 10th June	96 shts. 2 rolls 8 "	2nd May 28th June 28th July

SECRET



-14-

Item	Quant.	Date Ordered	Quant.	Date Received
Paste, Office ordinary	1 pt. 12 jars 12 jars	1st March 11th April 10th June	12 jars	28th July
Pencils, Office #2	4 doz. 144 each	1st March 10th June	45 each	8th March
Pencils, Venus #2b	4 doz. 4 "	11th April 10th June		
Pencils, Venus #3b	3 doz. 4 " 4 "	1st March 11th April 10th June	12 each 36 " 2h	8th March 29th June
Pencils, 12 colors	6 boxes 12 " 12 " 2 "	1st March 11th April 10th June 19th July	5 boxes 6 " 2 "	8th March 29th June 30th Aug.
Pencils, Cellophane Marking - Black			3 each 6 1/2 doz. 2 "	8th March 2nd May 30th Aug.
Pencils, Cellophane Marking - Blue	1 doz.	18th July	3 each	8th March
Pencils, Cellophane Marking - Green	1 "	19th July	2 doz.	30th Aug.
Pencils, Cellophane Marking - Purple			3 each	8th March
Pencils, Cellophane Marking - Red	1 "	19th July	2 doz.	30th Aug.
Pencils, Cellophane Marking - Yellow	1 doz.	19th July	6 each 2 doz.	8th March 30th Aug.
Pencils, Lithographic - Black	1 " 4 "	1st March 11th April	3 each	8th March
Pencils, Lithographic - Blue	1 " 4 "	1st March 11th April		
Pencils, Lithographic - Green	1 " 4 "	1st March 11th April		

SECRET

-15-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Pencils, Lithographic - Red	1 doz. 4 "	1st March 11th April		
Pencils, Lithographic - Yellow	4 "	11th April		
Pencils, Venus or New Process - Blue	6 " 12 " 12 " 24 "	1st March 11th April 10th June 19th July	4 doz. 12 " 1 " 1 "	8th March 28th April with Schmidt
Pencils, Venus or New Process -Green	4 " 12 " 12 "	1st March 11th April 10th June		
Pencils, Venus or New Process-Purple	3 " 12 " 6 "	1st March 11th April 10th June	6 doz.	28th April
Pencils, Venus or New Process - Red	6 " 12 " 12 " 24 "	1st March 11th April 10th June 19th July	2 " 12 "	8th March 28th April
Pencil Sharpeners	4 each 6 " 6 " 6 "	1st March 11th April 10th June 19th July	1 each 2 "	25th Aug. 22nd Sept.
Pens, #34	2 doz. 3 "	11th April 10th June	1 doz. 1 "	8th March with Schmidt
Pens, #30	2 " 3 "	11th April 10th June	1 " 2 "	8th March 28th July
Pens, #104	2 " 3 "	11th April 10th June	1 " 2 "	8th March 28th July
Pens, #335	2 " 3 "	11th April 10th June	1 " 1 " 2 "	8th March with Schmidt 28th July

SECRET

-16-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Pens, Border	4 each	1st March	1 each	8th March
	2 "	11th April	3 "	28th April
			3 "	with Vesnail, Parsons, Weddell
Pens, Contour	4 each	1st March	1 each	8th March
			2 "	28th April
			1 "	with Johnson
Pens, Crowquill	18 each	1st March		
	36 "	10th June		
	24 "	19th July		
Pens, drop spring bow	6 "	1st March	2 each	8th March
			6 "	28th April
Pens, Leroy #00	18 each	1st March	6 "	8th March
	12 "	11th April	36 "	28th April
	36 "	10th June	2 "	with Schmidt
	15 "	19th July	10 "	28th June
			24 "	28th July
Pens, Leroy #0	18 "	1st March	6 "	8th March
	12 "	11th April	12 "	28th April
	24 "	10th June	2 "	with Schmidt
Pens, Leroy #1	18 "	1st March	3 "	8th March
	12 "	11th April	12 "	28th April
	18 "	10th June	2 "	with Schmidt
	15 "	19th July	24 "	28th June
Pens, Leroy #2	18 "	1st March	3 "	8th March
	12 "	11th April	12 "	28th April
	18 "	10th June	2 "	with Schmidt
	15 "	19th July	24 "	28th June
Pens, Leroy #3	12 "	1st March	3 "	8th March
	12 "	11th April	12 "	28th April
	18 "	10th June	2 "	with Schmidt
	15 "	19th July	12 "	28th June

SECRET

-17-

Item	Quant.	Date Ordered	Quant.	Date Received
Pens, Leroy #4	12 each	1st March	3 each	8th March
	12 "	11th April	12 "	28th April
	18 "	10th June	2 "	with Schmidt
	15 "	19th July	12 "	29th June
Pens, Leroy #5	12 "	1st March	3 "	8th March
	12 "	11th April	12 "	28th April
	18 "	10th June	2 "	with Schmidt
	15 "	19th July	12 "	29th June
Pens, Leroy #6	9 "	1st March	3 "	8th March
	12 "	11th April	12 "	28th April
	18 "	10th June	2 "	with Schmidt
			12 "	29th June
Pens, Leroy #7	9 "	1st March	3 "	8th March
	12 "	11th April	6 "	28th April
			12 " 7n	29th June
Pens, Leroy #8	12 "	11th April	3 "	8th March
			2 "	with Schmidt
Pens, Lithographic	2 doz.	1st March		
	2 "	11th April		
Pens, ordinary & Blunt point 290, 657, 170	2 doz.	1st March	100 each	30th May
Pens, Ruling	4 each	1st March		
	3 "	11th April		
Pens, Speedball assorted sizes B0 - B7	12 each	1st March	6 each	8th March
	6 "	11th April	B1-B6	8th March
			B0 - 2 each	8th March
Penholders, Crowquill	18 "	1st March	3 each	8th March
	12 "	11th April		
	18 "	10th June		

SECRET

-18-

Item	Quant.	Date Ordered	Quant.	Date Received
Penholders, Lithograph	18 each	1st March	24 each	28th April
	12 "	11th April		
Penholders, regular	24 "	1st March	7 "	28th April
	12 "	11th April	24 "	24th June
	26 "	10th June	6 "	28th July
Pen Sets for Desks	3 "	1st March	2 "	30th Aug.
	4 "	11th April		
	6 "	10th June		
Printing Blocks for Duraseals	1 set	19th July		
Protractors 360° - 8" or 10"	2 each	1st March	1 each	8th March
Recordak Library Reader	1 "	1st March	1 "	2nd May
	1 "	11th April	1 "	portable 22nd Sept.
Ribbons, Typewriter, portable	4 "	1st March	5 "	with Foster
	12 "	11th April		
Ribbons, Typewriter, Standard	4 "	1st March	12 "	24th June
	12 "	11th April	24 "	28th July
Rubber Bands	3 boxes	1st March		
Rubber Stamps - Confidential	2 each	1st March	3 each	30th May
Rubber Stamps - Duplicate	1 "	10th June		
Rubber Stamps - File Copy	1 "	10th June		
Rubber Stamps - Free	2 "	1st March		
Rubber Stamps - Map Division, OSS, ETOUSA, APO 887, U. S. Army	1 "	10th June		
Rubber Stamps, Map Division, Office of Strategic Services, London Eng.	2 "	1st March		

SECRET

-18-

Item	Quant.	Date Ordered	Quant.	Date Received
Rubber Stamps - OSS, Map Division, Map Information Section, London.	1 each	10th June		
Rubber Stamps - Map Division, Office of Strategic Services, Catalogue No.	1 "	1st March		
	3 "	10th June		
Rubber Stamps - Restricted	2 "	1st March	3 each	30th May
Rubber Stamps - Secret	2 "	1st March		
	3 "	10th June		
Rubber Stamps - Secret Security	2 "	1st March		
Rulers, ordinary 12" - 18"	4 "	1st March	3 "	28th July
	12 "	10th June		
Safes, legal size	3 "	11th April		
Scales - 0 to 100 lbs.	1 "	11th April		
	"	10th June		
Scales - Beggs Handy	12 "	1st March		
Scales - Centimeter	3 "	1st March	3 "	8th March
Scales - Engineer's Triangular	12 "	1st March	3 "	8th March
	12 "	11th April	1 "	with Schmidt
			16 "	28th June
Scales - Plastic 100th	6 "	1st March	6 "	28th April
	6 "	11th April		
Scales - Slope	2 "	1st March		
Scotch Tape $\frac{1}{2}$ " - 4 colors			1 "	
			2 Red	8th March
Scotch Tape $\frac{1}{2}$ " - 4 cols.			1 each	8th March
			4 Red	8th March

SECRET

-20-

Item	Quant.	Date Ordered	Quant.	Date Received
Scotch Tape - 1/2" Transparent			1 roll	8th March
Scotch Tape - 1" Blue	12 rolls	1st March	1 "	30th May
Scotch Tape - 1" Green	12 "	1st March	24 "	8th March
Scotch Tape - 1" Red	12 "	1st March	1 "	28th April
Scotch Tape - 1" Transparent	12 rolls	1st March	24 "	8th March
	24 "	11th April	2 "	28th April
	72 "Large	10th June	1 "	with Schmidt
	48 "Small	10th June		8th March
	20 rolls	19th July		with Foster
Scotch Tape - 1" Yellow	12 rolls	1st March	1 "	with Schmidt
Scissors	4 prs.	1st March	24 "	8th March
Scribers - Leroy	4 "	11th April	2 prs.	28th April
Screens, Craftint, asst. patterns	12 each	1st March	6 "	8th March
Screwdriver	12 "	11th April	2 each	29th June
Shields, Eraser	12 "	10th June	1 "	8th March
	12 "	19th July	6 "	with Schmidt
	10 "		7 "	29th June
Signals - Visible Kardex 1/2" type	12 "	1st March		28th Aug.
6 colors	1 "	1st March		
	200 each	10th June	3 #	8th March
			100 each	
			4 colors	28th Aug.

SECRET

-21-

Item	Quant.	Date Ordered	Quant.	Date Received
Slide Rules	2 each	1st March	1 each	8th March
			1 "	28th April
			1 "	6th July
			1 "	30th Aug.
Socket Holders, Pens - Leroy	18 each	1st March	10 "	8th March
	12 "	11th April	24 "	28th April
	18 "	10th June	2 "	6th July
Solvent, Bestine	6 "	11th April	1 gal.	8th March
	2 qts.	10th June		28th April
Splicing Outfit (Microfilm-complete)	1 each	11th April		with Schmidt
	1 "	10th June	1 each	8th March
Splines - approx. 48" Plastic	3 "	1st March		1st Sept.
	3 "	11th April		
Stamps - Automatic, time & Date	2 "	11th April		
	2 "	10th June		
Stamps - Consecutive number	2 "	11th April		
Stamp Pads - Black	3 "	1st March	2 each	28th July
	2 "	11th April		
Stamp Pads - Red	3 "	1st March	3 "	30th May
	2 "	11th April	2 "	28th July
Stamp Trees	2 "	11th April		
Stand - Wrapping Paper	1 "	11th April		
	1 "	10th June		
Staples	2 boxes	1st March	2 boxes	8th March
			2 "	28th April
			3 "	28th June
			1 "	28th July
Stapling Machines	2 each	1st March	1 each	8th March
	4 "	11th April		
		10th June		

SECRET



-22-

<u>Item</u>	<u>Quant.</u>	<u>Date Ordered</u>	<u>Quant.</u>	<u>Date Received</u>
Staple Removers	3 each 6 "	1st March 11th April	6 each 3 "	28th April 30th May
Steel Measuring Tape - 60"	2 "	1st March	2 " 1 " 1 "	8th March 28th April with Schmitt
Stencils, Mimeograph	100 " 100 "	1st March 11th April		
Stools, drafting 30"	9 " 12 " 18 "	1st March 11th April 10th June		
Tables, drafting 60" adjustable 72" -	9 " 12 " 18 "	1st March 11th April 10th June	6 each	48"
Tables, Executive varnish	6 "	11th April		
Tables, Light	2 "	11th April		
Tables, Light portable	2 " 3 " 1 "	1st March 11th April 10th June	1 each	11th Aug.
Tables, Light to specifications	4 "	1st March		
Tables, ordinary	12 "	11th April		
Thumb Tacks, assorted colors	500 "	1st March	5 doz. 4 boxes	8th March with Foster
Tape, brown sticking	12 rolls	1st March	7 rolls 15 " 9 "	8th March 28th April 20th July
Tape, cloth gum	12 rolls 24 "	11th April 10th June	1 box	8th March

SECRET

-23-

Item	Quant.	Date Ordered	Quant.	Date Received
Tape, drafting boxes	24 rolls	1st March	36 rolls	28th April
	36 "	11th April	2 "	with Schmidt
			12 "	20th July
Templates, Leroy #80	3 each	1st March	1 each	8th March
	3 "	11th April		
	3 "	10th June		
	5 "	18th July		
Templates, Leroy #100	3 "	1st March	2 "	8th March
	3 "	11th April		
	5 "	10th June		
	10 "	18th July		
Templates, Leroy #120	3 "	1st March	2 "	8th March
	3 "	11th April		
	3 "	10th June		
	10 "	18th July		
Templates, Leroy #140	3 "	1st March	2 "	8th March
	3 "	11th April		
	3 "	10th June		
	5 "	18th July		
Templates, Leroy #175	3 "	1st March	2 "	8th March
	3 "	11th April		
	3 "	10th June		
Templates, Leroy #200	3 "	1st March	2 "	8th March
	3 "	11th April		
	3 "	10th June		
Templates, Leroy #240	3 "	1st March	2 "	8th March
	3 "	11th April		
Templates, Leroy #290	3 "	1st March	2 "	8th March
	3 "	10th June		
Templates, Leroy #300	2 "	1st March		
	2 "	11th April		
	1 "	10th June		

SECRET

-24-

Item	Quant.	Date Ordered	Quant.	Date Received
Templates, Leroy #350	2 each	1st March	1 each	8th March
	2 "	11th April		
	1 "	10th June		
Templates, Leroy #425	2 "	1st March	1 "	8th March
	2 "	11th April		
	1 "	10th June		
	2 "	19th July		
Templates, Leroy #500	2 "	1st March	1 "	8th March
	2 "	11th April		
	1 "	10th June		
Tracing Cloth	3 rolls	1st March	1 roll	8th March
	6 "	10th June	6 "	2nd May
Tracing Cloth Powder	12 cans	19th July		
Triangles 30°-60° - 6"			2 each	8th March
Triangles 30°-60° - 10"	4 each	1st March		
	6 "	11th April		
Triangles 30°-60° - 14"	6 "	11th April		
Triangles 30°-60° 18"				
Triangles 45°- 6"			1 "	with Schmidt
Triangles 45° - 6" Lettering			1 "	8th March
Triangles 45° - 90° - 10"			1 "	8th March
	4 "	1st March	7 "	8th March
Triangles 45° - 90° - 14"			1 "	with Schmidt
			6 "	28th April
Triangles 45° - 18"			2 "	30th Aug.
- 18"			1 "	8th March
Triangles 45° - 90° - 18"			2 "	16th Aug.
			1 "	8th March
			3 "	28th April

-25-

Item	Quant.	Date Ordered	Quant.	Date Received
T-Squares 30"			1 each	8th March
T-Squares 36"	2 each	1st March	6 "	30th May
	2 "	11th April	1 "	with Schmidt
T-Squares 42"	2 "	11th April	2 "	28th Feb.
	2 "		3 "	30th May
	2 "		1 "	8th March
T-Squares 48"	2 each	1st March	2 "	8th March
T-Squares 54"	2 "	11th April	2 "	8th March
T-Squares 60"			2 "	29th June
T-Squares 66"	2 "	1st March	3 "	28th Feb.
Typewriters, portable				
Typewriters, standard	1 "	1st March		
	5 "	11th April		
Watercolor, Black, Blue, Green, Red and Yellow	2 tubes each	1st March		
Wastebaskets	4 each	1st March		
	6 "	11th April		
	12 "	10th June		
Yardsticks	3 "	1st March		
	3 "	11th April		
	3 "	10th June		
Zipatone #01	6 doz.	10th June	5 doz.	8th March
			70 each	20th June
Zipatone #3	3 "	11th April	5 "	8th March
	8 "	10th June		
Zipatone #7	3 "	10th June		
Zipatone #7E	3 "	11th April		
	20 "	10th June	6 each	8th March

SECRET

-26-

Item	Quant.	Date Ordered	Quant.	Date Received
Zipatone #8	7 doz.	10th June	70 each	29th June
" #89	4 "	10th June	70 "	29th June
" #14	8 "	10th June		
" #18	3 "	11th April		
" #22	3 "	10th June		
" #27R	3 "	11th April	5 doz.	8th March
" #29	4 "	10th June	5 "	8th March
" #33	3 "	10th June		
" #34	3 "	10th June		
" #36	3 "	11th April	6 each	8th March
" #41	3 "	10th June	70 "	29th June
" #44	3 "	11th April	6 "	8th March
" #62	3 "	10th June		
" #64	3 "	10th June	5 doz.	8th March
" #69	3 "	11th April	70 each	29th June
" #61	2 "	10th June		
" #63	3 "	10th June		
" #66	4 "	10th June		
" #78	3 "	10th June		
" #79	9 "	10th June		
" #83	3 "	10th June		
" #90	4 "	10th June		
" #177R	4 "	10th June		
nine selected patterns	50 each	1st March	1 box	22th April
			Red -1 "	29th June
			#77 -1 "	29th June
			Red -2 rolls	29th June
			1 box	18th Aug.
Zipatone Cutters	3 doz.	19th July.		

SECRET

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APPENDIX IV  
EQUIPMENT PROCURED IN ETO

Figures



LIST OF FIGURESFigure

- 1 - Agreement with GSGS
- 2 - Letter from Winston Churchill
- 3 - Agreement with ISTD
- 4 - Model Shop Agreement with S.O.
- 5 - Cartographic Agreement with GSGS
- 7 - Agreement with Ministry of Home Security re Model Shop
- 9 - Letter of appreciation from S.O.
- 10 - Letter of appreciation from S.I.
- 11 - Correspondence with State Department re F.O.R.D. Agreement
- 12 - Same as #11
- 13 - Same as #11
- 14 - Same as #11
- 15 - Same as #11
- 16 - Procedures for Joint Project of Field Photographic Branch and Map Division
- 17 - Letter from Ministry of Home Security re transfer of Model Shop and personnel
- 18 - Letter of appreciation from Chief of Staff, Netherlands Military Administration
- 19 - Letter of appreciation from Her Majesty, The Queen of the Netherlands
- 20 - Map procurement agreement between GSGS and Map Division
- 21 - Cartography Section Requesters
- 22 - Same as #21
- 23 - Map Information Section Requesters
- 24 - Letter of appreciation, G-5 SHAEP
- 25 - Letter of appreciation from Admiral George B. Wilson
- Letter of appreciation from Admiral Harold R. Stark
- 26 - Letter of appreciation from ONI
- 27 - Letter of appreciation from UNRR
- 28 - Agreement with the Ninth Air Force